DOCUMENT RESUME

ED 173 622 CE 022 218

AUTHOR	Gordon, Ruth, Comp; And Others
TITLE	Current Projects in Vocational Education--FY 1978. Federally Administered Projects.
INSTITUTION	Ohio State Univ., Columbus. National Center for Research in Vocational Education.
SPONS AGENCY	Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C.
BUREAU NO	498AH80003
PUB DATE	Jun 79
CONTRACT	300-78-0032
NOTE	108p.; For related documents see ED 138 782 and ED 151 611
EDRS PRICE	MF01/PC05 Plus Postage.
DESCRIPTORS	Adult Education; *American Indians; *Bilingual Education; *Career Education; Curriculum Development; Demonstration Projects; Educational Research; Elementary Secondary Education; *Experiential Learning; Federal Aid; Grants; Postsecondary Education; Professional Training; *Research Projects; *Vocational Education; Work Experience Programs
IDENTIFIERS	National Center Research Vocational Education

ABSTRACT

Resumes of new and continuing projects funded by the Division of Research and Development (United States Office of Education/Bureau of Occupational and Adult Education) are provided in this third annual report. The publication is divided into two sections. Section I contains 148 project resumes arranged alphabetically by state within the following groups: programs of national significance (projects of national significance, personnel development, National Center for Research in Vocational Education, and curriculum coordination centers), bilingual vocational education, and assistance contract programs for Indian tribes and Indian tribal organization. The information provided in each resume includes the title, project director and organization, contract or grant number, project number, fiscal year funding and funding period, project officer, state and U.S. Congressional district, and an abstract focusing on project objectives and procedures. Section II contains three indexes: subject, project director, and geographic location. The appendices contain lists of institutions and teacher educators participating in two personnel development programs (vocational education graduate leadership development and vocational education teacher certification fellowship). (Author/JH)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED173622

CURRENT PROJECTS IN VOCATIONAL EDUCATION – FY 1978

FEDERALLY ADMINISTERED PROJECTS

Compiled by

Ruth Gordon
Betty Leeke
Diane Shook

The National Center for Research in Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

June 1979

CE 022 218

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

THE NATIONAL CENTER MISSION STATEMENT

The National Center for Research in Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning, preparation, and progression. The National Center fulfills its mission by:

- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

FUNDING INFORMATION

Project Title:	National Center for Research in Vocational Education, Clearinghouse Function
Contract Number:	OEC-300-78-0032
Project Number:	498AH80003
Educational Act under Which the Funds Were Administered:	Education Amendments of 1976, Public Law 94-482
Source of Contract:	Department of Health, Education, and Welfare (DHEW) Office of Education Bureau of Occupational and Adult Education Washington, D.C. 20202
Project Officer:	Paul Manchak
Contractor:	The National Center for Research in Vocational Education The Ohio State University Columbus, Ohio 43210
Executive Director:	Robert E. Taylor
Clearinghouse Director:	Wesley E. Budke
Disclaimer:	This publication was prepared pursuant to a contract with the Bureau of Occupational and Adult Education, Office of Education, Department of Health, Education, and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.
Discrimination Prohibited:	Title VI of the Civil Rights Act of 1964 states: "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." Title IX of the Education Amendments of 1972 states: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance." Therefore, the National Center for Research in Vocational Education Project, like every program or activity receiving financial assistance from the Department of Health, Education, and Welfare, must be operated in compliance with these laws.

ABSTRACT

This third annual report presents resumes of new and continuing projects funded by the Division of Research and Demonstration (USOE/BOAE) in fiscal year 1978. The first two reports are available in ERIC as ED 138 782 and ED 151 611. The publication is divided into two sections. Section I contains the project resumes and Section II contains three indexes: subject, project director, and geographic location (state and U.S. Congressional district). Project resumes are arranged alphabetically by state within each of six groups. Programs of National Significance are (1) Projects of National Significance, (2) Personnel Development, (3) National Center for Research in Vocational Education, and (4) Curriculum Coordination Centers. Also included are project resumes for Bilingual Vocational Education and Assistance Contract Program for Indian Tribes and Indian Tribal Organizations. The information provided in each resume includes the title, project director and organization, contract or grant number, project number, fiscal year funding and funding period, project officer, state and U.S. Congressional district, and an abstract focusing on project objectives and procedures. The introduction includes information about the Division of Research and Demonstration, directions for using this report, and a sample resume. Appendixes contain lists of institutions and teacher educators participating in the Personnel Development programs.

DESCRIPTORS: Abstracts; Adult Education; *Bilingual Education; Career Education; Contracts; *Curriculum Development; Demonstration Projects; Educational Research; Elementary Secondary Education; Federal Aid; Grants; Postsecondary Education; Program Descriptions; *Research Projects; Professional Training; *Native Americans; *Vocational Education; Work Experience Programs

IDENTIFIER: *Experience Based Career Education

FOREWORD

Educators must keep abreast of ongoing vocational education research and development projects in order to be aware of new exemplary practices and products, to facilitate incorporation of innovations into programs, and to reduce duplication of effort. The National Center for Research in Vocational Education, through the National Center Clearinghouse, is pleased to disseminate pertinent research and development information through this compilation of federally administered vocational education programs. This publication provides researchers, program planners, curriculum developers, evaluators, teacher educators, counselors, teachers, and administrators with an easy-to-use compendium of projects in progress.

We wish to thank staff members of the Division of Research and Demonstration, Bureau of Occupational and Adult Education (DRD/BOAE) for supplying and verifying project information. Steve Zwillinger, DRD Education Specialist, coordinated the acquisition activities.

Recognition is given to Clearinghouse staff for their efforts in compiling this publication: Wesley E. Budke, Clearinghouse Director; Ruth Gordon, Program Associate; Betty Leeke and Diane Shook, Program Assistants; Enid Goodman, Paula Kurth, Laurian Miguel, Shirley Prickett, Lois Ann Sellers, and Joseph Sperry, abstracting, indexing, editing, and proofing; and Marilyn Bussard and Evelyn Kearns, typists.

Robert E. Taylor
Executive Director
The National Center for Research
in Vocational Education

CONTENTS

ABSTRACT v

FOREWORD vii

INTRODUCTION 1

Division of Research and Demonstration 1
Using this Report 5
Sample Resume 7

SECTION I. PROJECT RESUMES

Programs of National Significance 11

Projects of National Significance 11
Personnel Development 39
National Center for Research in Vocational Education 40
Curriculum Coordination Centers 49

Bilingual Vocational Education 53

Assistance Contract Program for Indian Tribes and Indian Tribal Organizations 59

SECTION II. INDEXES

Subject Index 69
Project Director Index 87
Geographic Location Index 93

APPENDIXES

Appendix I. Vocational Education Graduate Leadership Development Programs . . 101
Appendix II. Vocational Education Teacher Certification Fellowship Program 105

INTRODUCTION

Division of Research and Demonstration

The mission of the Division of Research and Demonstration (DRD) is to provide leadership to the vocational education community, to administer national discretionary programs, to stimulate and sustain quality in vocational education, and to contribute to the solution of problems in vocational education. The national import of the programs for which this division is responsible involves the establishment of a delivery system for innovation and improvement in vocational education, an inherent part of which is recognition of emerging and changing issues. The marketing and distribution of products resulting from DRD research and development programs contribute to the improvement of vocational education programs in the states and outlying areas.

The Division of Research and Demonstration administers the vocational education discretionary programs. These include: Programs of National Significance, Bilingual Vocational Education, and the Assistance Contract Program for Indian Tribes and Indian Tribal Organizations.

Programs of National Significance

These programs are: Projects of National Significance, Personnel Development, the National Center for Research in Vocational Education, and Curriculum Coordination Centers.

Projects of National Significance. Projects of National Significance are designed to produce information, instructional materials, and recommendations for the improvement of vocational education. These projects help accomplish legislative mandates in priority areas. These projects are designed to solve problems of national concern and involve the most capable personnel from across the nation. This program ensures a steady flow of tested materials and information to the states and benefits the states in the administration of their State Program Improvement Funds. Seventy-nine projects were funded in FY 1978: fifty-five continuing exemplary projects and twenty-four new projects.

The continuing projects are Experience-Based Career Education (EBCE) programs patterned after models developed by four regional education laboratories. The programs are designed to bridge the gap between study and experience by combining in-school learning activities and outside work activities to form a balanced, comprehensive, individualized program for high school students. Thirty-five of the projects have been developed to demonstrate the EBCE programs; twelve are designed to further develop and demonstrate the instructional strategies, methods, and techniques of EBCE programs in conjunction with an in-school cluster structure designed for occupational exploration and initial job preparation; and eight are designed to further demonstrate newly developed, expanded, or improved cooperative vocational education and work experience programs.

The newly funded projects address eight priority areas:

1. positive connections between CETA programs and vocational education programs

2. vocational education programs for use in inner cities and rural isolated areas

3. accessibility to vocational education programs

4. planning, accountability, and data systems for vocational education programs

5. effective guidance for vocational education

6. vocational equity

7. vocational education programs for handicapped and disadvantaged learners

8. relationships between general education and vocational education

The fiscal year 1978 expenditure for Projects of National Significance is $12,878,652.

Personnel Development. There are two programs directly concerned with personnel development: (1) the Graduate Leadership Development Program and (2) the Teacher Certification Fellowship Program. The Graduate Leadership Development Program provides opportunities for experienced vocational educators to spend full time in an advanced study program of no more than three years. Awards are made to selected individuals to attend an approved institution of their choice. One hundred fifty-five individuals are attending eighteen of the forty approved institutions. The Teacher Certification Fellowship Program provides opportunities for unemployed previously certified teachers and persons from business, industry, and agriculture to seek certification in vocational instructional areas in which the Commissioner has identified a need. Fellowships were awarded to 187 selected individuals at the sixty-nine institutions which had endorsed their applications. The fiscal year 1978 expenditure for Personnel Development is $3,364,658.

National Center for Research in Vocational Education. The purpose of the National Center is to (1) conduct applied research and development activities, (2) provide leadership development activities for state and local leaders in vocational education, (3) disseminate the results of vocational education research and development, (4) maintain a clearinghouse on research and development projects supported by the states and the U.S. Office of Education, (5) generate national planning and policy development information, and (6) provide technical assistance to the states and local and other public agencies in developing methods for evaluation of vocational education programs. The fiscal year expenditure for the National Center is $4,516,415.

*Curriculum Coordination Centers.** Curriculum Coordination Centers provide information, instructional materials, inservice training, and technical assistance to help states improve their own curriculum development and management practices in vocational and technical development. Services focus on the adaptation or adoption of federally, state, or locally developed materials in order to conserve resources and to build state capability in curriculum and materials development. State and local vocational education agencies are served by state-appointed liaison representatives to six regional Curriculum Centers. The functions performed by the Centers include: (1) providing library, microfiche, and national search services; (2) facilitating interstate planning sessions; (3) conducting inservice training in the development, selection, and use of existing materials; (4) developing and disseminating informational materials such as catalogs, brochures, and newsletters; (5) providing workshops and consultant assistance for state curriculum and program leaders;

---

*At time of publication, four of the six Curriculum Coordination Center contracts have been awarded.

and (6) coordinating intra- and interstate curriculum activities. The fiscal year expenditure for the Curriculum Coordination Centers is $253,544.

The directors of these centers form a council for the National Network for Curriculum Coordination in Vocational Technical Education.

Bilingual Vocational Education

The Bilingual Vocational Education program includes three educational areas: bilingual vocational training, bilingual vocational instructor training, and development of bilingual vocational materials, methods, and techniques. Sixty-five percent of the appropriated funds are designed for bilingual vocational training grants; 25 percent for bilingual vocational instructor training grants; and 10 percent for bilingual vocational instructional materials, methods, and techniques contracts. Bilingual vocational training includes skill training offered bilingually and instruction in English as a second language related to the job training. This training enables participants to enter or advance in jobs in English-speaking work environments. A total of fifteen programs were funded in FY 1978: twelve offered training in semiskilled and skilled occupations, health and paraprofessional occupations, food service, and office education; and three provided bilingual vocational instructor training with an emphasis in food service, guidance and counseling, and business education. The fiscal year 1978 expenditure for Bilingual Vocational Education is $2,519,690.

Assistance Contract Program for Indian Tribes and Indian Tribal Organizations

This program provides vocational education programs by funding projects for a period not to exceed three years. Competitive grants are awarded to tribal organizations of Indian tribes which are eligible to contract with the Bureau of Indian Affairs, U.S. Department of the Interior, for the administration of programs under the Indian Self-Determination and Education Assistance Act of 1975 or the Act of April 16, 1934. Twenty projects were funded in fiscal year 1978. They provide training in occupational areas including semiskilled and skilled occupations, vocational agriculture, paraprofessional and health occupations, office education, and professional development. The programs also offer career exploration (cluster approach) and career counseling and guidance, and conduct vocational program needs assessment and evaluation. The fiscal year 1978 expenditure for this program is $5,183, 339.

Project Summary

Table 1 summarizes the number of contract and grant awards and fiscal year 1978 expenditures for each program area.

TABLE 1

Program Area	Number of Contract and Grant Awards	FY 78 Expenditures
Programs of National Significance	171	$21,113,269
Projects of National Significance	79	12,978,652
Personnel Development	87	3,364,658
National Center for Research in Vocational Education	1	4,516,415
Curriculum Coordination Centers	4	253,544
Bilingual Vocational Education	15	2,519,690
Contract Program for Indian Tribes and Indian Organizations	20	5,183,339
Total	206	$28,816,298

PROJECT OFFICERS

Division of Research and Demonstration
Howard Hjelm, Director (202) 245-9634

Research Branch	
Glen C. Boerrigter, Chief	245-2467
Velma Brawner	245-2617
Richard DiCola	245-3352
Paul Manchak	245-2617
David Prichard	245-3352
Jack Wilson	245-2617
Curriculum Development Branch	
Mary V. Marks, Chief	245-2653
Bernice Anderson	245-2653
William Berndt	245-2653
Frances Hamilton	245-2653
Demonstration Branch	
Doris Gunderson, Chief	245-2614
Earl Dodrill	245-2614
Annette Miller	245-2614
Harvey Thiel	245-2614
Vocational Education Personnel Development Branch	
Duane Nielsen, Chief	245-9793
Frank Perazzoli	245-9793
Muriel Tapman	245-9793

USING THIS REPORT

The purpose of this third annual report is to provide information on projects receiving fiscal year 1978 funding which were ongoing as of February 15, 1979. The first two reports, describing projects funded in fiscal years 1976 and 1977, are available in ERIC as ED 138 782 and ED 151 611.

This year's publication incorporates changes in cover design, format, and content. The following are major additions to the content:

1. Subject index

2. Information on dollar funding, project officer, type of organization, and U.S. Congressional District of the contractor or grantee.

The publication is organized in two sections. Section I contains the project resumes and Section II contains three indexes. Appendixes list the institutions and teacher educators participating in the two Personnel Development programs (Vocational Education Graduate Leadership Development Programs and Vocational Education Teacher Certification Fellowship Programs).

The project resumes in Section I appear in the following order: Programs of National Significance, Bilingual Vocational Education and the Contract Program for Indian Tribes and Indian Tribal Organizations. Programs of National Significance are grouped as follows: Projects of National Significance (continuing exemplary projects and FY 1978 projects), Personnel Development, National Center for Research in Vocational Education, and Curriculum Coordination Centers. Resumes for continuing exemplary projects, FY 1978 projects, Curriculum Coordination Centers, Bilingual Vocational Education, and the Assistance Contract Program for Indian Tribes and Indian Tribal Organizations are arranged alphabetically by state within their respective groups.

The 148 resumes in this compilation reflect major program areas rather than the number of currently funded contract and grant awards shown in Table I. For example, resumes for Personnel Development describe two kinds of programs being offered, but the projects described are the result of eighty-seven grants to institutions. In contrast, each major task within the contract for the National Center for Research in Vocational Education is described in a separate resume in order to provide more detailed information on the overall scope of work performed under the one contract.

Each resume includes bibliographic information and a summary focusing on project objectives and procedures. The sample resume on page 7 provides an explanation of the terms used. For clarification of funding levels and funding periods, the reader should give special attention to the "NOTE" whenever it appears. The total project dollars shown for each project include funds allocated through fiscal year 1978. The start and end dates preceding each resume reflect funding periods for which project monies have already been allocated. The actual start and end dates of projects with more than one year of anticipated funding are shown in the "NOTE."

The indexes in Section II provide three ways to access project information: subject, project director, and geographic location (state and U.S. Congressional district). A sample entry and instructions for using the index accompany each index.

Procedures for producing the publication included acquiring and verifying the bibliographic information, preparing abstracts from proposals and proposal abstracts, assigning subject terms, writing introductory materials, and preparing for publication. Guidelines for preparing the project resumes were adopted from the *ERIC Processing Manual*, and subject terms were selected from the *Thesaurus of ERIC Descriptors*. Operations Research, Inc., Information Systems Division, provided photocomposition services.

SAMPLE RESUME

Accession Number	Total Project Dollars	Project Officer
CP000069	$245,042	Wilson

PROJECT TITLE — **STATE PLANNING FOR DELIVERY OF VOCATIONAL EDUCATION TO SPECIAL POPULATIONS**

DIRECTOR(S) — **PROJECT DIRECTOR:** Drews, Donald W.

CONTRACTING ORGANIZATION — **ORGANIZATION:** Conserva, Inc., Raleigh, N.C.

ORGANIZATION ADDRESS — **ADDRESS:** 401 Oberlin Road, Suite 112, Raleigh, N.C. 27605, (919) 832-7717

TYPE OF ORGANIZATION — **ORG TYPE:** Profit

ADMINISTERING AGENCY — **RESPONSIBLE AGENCY:** Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C., Div. of Research and Demonstration.

ORGANIZATION LOCATION — **GEOGRAPHIC LOCATION:** North Carolina Congressional District Number 4

CONTRACT NUMBER — **CONTRACT:** OEC-300-78-0586

PROJECT NUMBER — **PROJECT:** 498AH80021
FY78-$245,042 01-Oct-78 TO 30-Sep-79

EXPLANATORY NOTE — **NOTE:** Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 — March 31, 1980.

DESCRIPTORS—subject terms which indicate substantive content. Only major terms preceded by an asterisk are printed in the subject index.

DESCRIPTORS: *Statewide Planning, *Special Programs, *Educational Planning, *Special Services, Educational Strategies, Educational Programs, *State Departments of Education, Prisoners, Handicapped, Disadvantaged Groups, State of the Art Reviews, Information Dissemination, Workshops.

IDENTIFIERS—additional identifying terms not found in the Thesaurus of ERIC Descriptors

IDENTIFIERS: *Special Needs Subpopulations

INFORMATIVE ABSTRACT

The major objectives of this project are to design and develop a comprehensive planning system which states can use to select planning strategies for providing vocational education services to special populations, train state personnel for the implementation of the system in each state, and provide for continued federal assistance to state planning efforts. The special populations include handicapped persons, disadvantaged persons, persons with limited English-speaking abilities, displaced homemakers who work part time but who seek full-time employment, those who seek employment in jobs not traditionally held by members of their sex, and inmates in correctional institutions. The major tasks for developing the planning system, which will be structured around revised Management Evaluation Review for Compliance-Quality (MERC-Q) planning instrumentation, are to (1) review the literature and produce a state-of-the-art report; (2) develop and integrate a set of procedures and alternative procedures for each of the MERC-Q planning components which state vocational education agencies (SVEAs) can use in providing vocational education services; (3) field test the system in Pennsylvania, South Carolina, and Texas and revise as necessary; (4) develop a dissemination plan which involves regional workshops, subsequent dissemination in each state by SVEA personnel trained at the workshops, and continuing technical assistance provided by the U.S. Office of Education; (5) develop a two-part slide-tape presentation and other supporting materials; (6) conduct and evaluate three regional workshops; (7) prepare final versions of the system and the supporting materials; and (8) classify the most frequently encountered difficulties in implementing the planning system according to system components, and provide alternative strategies that the U.S. Office of Education might employ in assisting states to overcome those obstacles.

SECTION I. PROJECT RESUMES

Projects of National Significance

Exemplary Projects (Continuations)

CP000001 $425,783 Dodrill

Implementation of Experience-Based Career Education.

PROJECT DIRECTOR: Ryals, Harold
ORGANIZATION: Conecuh County Board of Education, Evergreen, Ala. Dept. of Career Education.
ADDRESS: P.O. Box 388, Evergreen, AL 36401. (205) 578-1350
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Alabama Congressional District Number 3
GRANT: OEG-04-76-03000
PROJECT: 498AH80062
FY76-$132,013 28-Sep-76 TO 27-Sep-77;
FY77-$146,757 28-Sep-77 TO 27-Sep-78;
FY78-$147,013 28-Sep-78 TO 27-Sep-79
DESCRIPTORS: *Career Education, Secondary Education, *Student Centered Curriculum, Vocational Counseling
IDENTIFIERS: *Experience Based Career Education

The project objectives are to enable students to integrate career decision-making skills, basic skills, life skills, and job-related skills in such a way that they can make a vocational decision that will lead directly to college, vocational-technical school, or job entry. Developed around the Northwest Regional Educational Laboratory model, the Experience-Based Career Education (EBCE) program will be student centered. Diagnostic data will be gathered to develop a student profile. From this a learning plan is negotiated between the student and staff based on a continuous process of assessment, prescription, evaluation, and integration. The curriculum involves integration of instruction in basic skills (math, social studies, communication, and science), life skills (e.g., personal, social, and citizenship development), and career development (through career exploration experiences in the community). A mobile classroom will serve as a learning center at each of four high schools, headquarters for participating students from that school. The Appalachia Educational Laboratory will conduct a third-party evaluation of the project. The program will result in issuance of a high school diploma that is backed by experience that lends credibility to the diploma, dissemination of program procedures and results to interested agencies or groups, and reduction in the youth unemployment rate in the area.

CP000002 $278,757 Dodrill

Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.

PROJECT DIRECTOR: Harvey, Alton
ORGANIZATION: Mobile County Public Schools, Ala. Div. of Curriculum and Instruction.
ADDRESS: P.O. Box 1327, Mobile, AL 36601. (205) 690-8354
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Alabama Congressional District Number 1
GRANT: OEG-04-77-03000
PROJECT: 498AH80045
FY77-$132,000 01-Dec-76 TO 30-Nov-77;
FY78-$146,757 01-Dec-77 TO 30-Nov-78
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: December 1, 1976-November 30, 1979.
DESCRIPTORS: *Career Education, Cluster Grouping, Group Guidance, Individualized Instruction, *Program Development, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The project's purpose is the further development and demonstration of the instructional strategies, methods, and techniques of the National Institute of Education's Experience- Based Career Education program in conjunction with an in-school cluster program structure, designed for occupational exploration and initial job preparation, as defined in Priority Area II. The Research for Better Schools (RBS) model for program implementation will be used. This will permit the program to be installed, field tested, revised, and stabilized during a three year phase-in period. The program will be implemented at one high school. In the first year, a limited number of students will take part in all program components. During the first year, exploration and specialization activities will be offered on an afternoon basis only. Second year participation will be 100-200 students, while third year participation will be from 200-300 students. A steering committee will be responsible for selecting the high school on a competitive basis. The Career Development component will provide for the improvement of student career development through experimental learning activities throughout the community. The Career Guidance component will provide for the improvement of student career development through a program of group guidance instruction. The Academic Resource Center will be concerned with the improvement of student career development through a program of individualized instruction in English and mathematics.

CP000003 $309,797 Thiel

Occupational Cluster/Experience Project.

PROJECT DIRECTOR: Gilman, J. M.
ORGANIZATION: Cordova Public Schools, Alaska.
ADDRESS: P.O. Box 140, Cordova, AK 99574. (907) 424-3266
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Alaska Congressional District Number 6
GRANT: OEG-10-76-00075
PROJECT: 498AH80076
FY76-$95,154 13-Sep-76 TO 12-Sep-77;
FY77-$109,647 13-Sep-77 TO 12-Sep-78;
FY78-$104,996 13-Sep-78 TO 12-Sep-79
DESCRIPTORS: *Career Exploration, Career Ladders, Individualized Programs, *Occupational Clusters, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to increase the effectiveness of the existing Cordova Junior High School program through expansion of curriculum flexibility which will permit the focus of educational experiences on a wide variety of careers, integration of academic experiences and onsite career exploration, and change in the role of community employers from supervisor/employers to learning guides or teachers. The Northwest Regional Educational Laboratory's Experience-Based Career Education (EBCE) materials and techniques will be used to incorporate a career educational occupational cluster approach at the seventh and eighth grade levels. The Northwest Regional Educational Laboratory will be contracted to provide technical assistance, staff inser-

vice training, and employer training. Five to ten occupational clusters, each including occupational ladders from manual labor through technical and professional levels, will be selected for the first year's program by the community advisory committee and the staff. Individual learning plans for the twenty students will encompass counseling, cluster exploration, and learning site investigation. A third-party evaluation will be conducted by a research laboratory. A total EBCE program in grades 7-12 will be phased in after a three- or four-year period. Descriptive and evaluative information will be provided to other districts and interested parties.

CP000004 $381,318 Thiel

The Tucson Experience-Based Career Education Program.

PROJECT DIRECTOR: Daldrup, Lou Ann
ORGANIZATION: Tucson High School District 1, Ariz.
ADDRESS: P.O. Box 40400, Tucson, AZ 85717. (602) 791-6798
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Arizona Congressional District Number 2
GRANT: OEG-09-76-00178
PROJECT: 498AH80066
FY76-$122,000 01-Oct-76 TO 30-Sep-77;
FY77-$131,264 01-Oct-77 TO 30-Sep-78;
FY78-$128,054 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, Cluster Grouping, *Individualized Programs, Pupil Personnel Services, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is the further development, expansion, and dissemination of the district's career education programs through the operation of a career education center which provides for the direct involvement of 300 juniors and seniors and serves as a demonstration program for the district's nine high schools. Objectives are to improve students' attitudes, skills, and knowledge in a number of career areas. Relationships between career clusters and conventional subject areas will be identified, developed, and maintained to facilitate integration of career education concepts into the traditional high school program. Selected aspects of the Experience-Based Career Education (EBCE) model will also be integrated with the in- school, cluster-based curriculum. Developed with the technical assistance of the Northwest Regional Educational Laboratory, the community-based component will include the recruitment, orientation, and training of area employers who will supervise students in career exploration experiences at community work sites, and assignment of students to EBCE teachers who advise and supervise them in the development of individualized learning plans of four nine-week explorations (two or three visits a week). Student placement and follow-up activities will include assistance in job placement or postsecondary program admission. Third-party evaluation of the program will focus on both processes and products (student outcomes). The methods and techniques developed for EBCE and cluster-based instruction will be defined and disseminated to the district's other high school, to nonprofit private and parochial schools, and to other interested districts in Arizona and throughout the country.

CP000005 $384,119 Miller

A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.

PROJECT DIRECTOR: White, Jewel
ORGANIZATION: Arkansas State Dept. of Education, Little Rock. Div. of Vocational, Technical and Adult Education.
ADDRESS: Arch Ford Bldg., Capitol Mall, Little Rock, AR 72201. (501) 268-6191
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Arkansas Congressional District Number 2
GRANT: OEG-61-76-00966
PROJECT: 498AH80049
FY76-$120,324 21-Sep-76 TO 20-Sep-77;
FY77-$138,303 21-Sep-77 TO 20-Sep-78;
FY78-$125,492 21-Sep-78 TO 20-Sep-79
DESCRIPTORS: *Career Education, Cluster Grouping, *Individualized Programs, School Community Cooperation, Secondary Education, *Team Teaching
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is the further development and demonstration of the instructional strategies, methods, and techniques of Experience-Based Career Education (EBCE) in coordination with an in-school occupational cluster design. It will give participating high school students the opportunity for occupational exploration and initial job preparation at a variety of community sites. The Arkansas State Education Agency will cooperate with a state postsecondary vocational-technical school and three local education agencies to implement an EBCE program in the three school districts. The Northwest Regional Laboratory will serve as a consultant in utilizing site analysis techniques, employer orientation and recruitment techniques, and individual student learning plans with behaviorally stated objectives. Each school will use a five-member team to staff its project: (1) a school community coordinator, who will be the local project director; (2) a high school counselor, who will be involved in development of a media center as well as individual and group counseling; (3) a career orientation teacher, who will offer a course of occupational information on career clusters; (4) an exploratory teacher, who will develop elective six-week minicourses of one hour per week and individualized learning plans for career exploration in the community; and (5) the general cooperative teacher, who will arrange skill development work experiences in a student's chosen field. Adaptation of the various EBCE techniques will provide a model for all cooperative programs in Arkansas.

CP000006 $413,432 Miller

Colorado Experience-Based Career Education Model (7-10).

PROJECT DIRECTOR: Barnes, Bill
ORGANIZATION: Colorado State Board of Community Colleges and Occupational Education, Denver.
ADDRESS: 207 State Services Bldg., 1525 Sherman Street, Denver, CO 80203. (303) 839-3113
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Colorado Congressional District Number 1
GRANT: OEG-08-76-00111
PROJECT: 498AH80035
FY76-$146,564 01-Sep-76 TO 31-Aug-77;
FY77-$133,434 01-Sep-77 TO 31-Aug-78;
FY78-$133,434 01-Sep-78 TO 31-Aug-79

DESCRIPTORS: *Career Exploration, *Educational Strategies, Models, State School District Relationship
IDENTIFIERS: *Experience Based Career Education

The project objective is to produce a career exploration model for utilization by schools in Colorado. The components and the strategies of the model will contain the necessary inservice programs, implementation plans, evaluation procedures, and other pertinent information for each strategy. Based on the Experience-Based Career Education (EBCE) programs of the Northwest Regional Educational Laboratory and Research for Better Schools, an exploratory model will be pilot tested and field tested in each of four participating sites. The four sites, representative of the schools in Colorado, are in a high plains farming community, a rural isolated mountain community, a predominantly Mexican-American community, and an urban area. The focus of the first year will be to define the major components of the Colorado model, to select appropriate strategies, and to pilot test selected strategies in each of the four schools. The second and third years will include field testing and demonstration of the model at the four sites. Coordinated at the state level, the project will have a state-level project director and a local coordinator employed by each participating school district. Each site will have a district advisory committee, and representatives from the participating schools will form a project steering committee for the development of the model. Project outcomes will be a Colorado model for career exploration, including program components and strategies, and validated implementation plans for four school districts of varying characteristics to guide adoption and adaptation of the model by other school districts.

CP000007 **$422,149** **Dodrill**

Demonstration of NIE's Experience-Based Career Education Program.

PROJECT DIRECTOR: Dole, David
ORGANIZATION: Portland High School, Conn.
ADDRESS: 95 High Street, Portland, CT 06480. (203) 342-1997
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Connecticut Congressional District Number 2
GRANT: OEG-01-76-00051
PROJECT: 498AH80084
FY76-$122,533 17-Sep-76 TO 16-Sep-77;
FY77-$137,533 17-Sep-77 TO 16-Sep-78;
FY78-$162,083 17-Sep-78 TO 16-Sep-79
DESCRIPTORS: Academically Handicapped, *Career Education, Disadvantaged Youth, Handicapped Students, *Occupational Guidance, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Specific objectives are to (1) provide a bridge between career-oriented and academics-oriented educational activities; (2) provide students with the personal attitudes and skills required to make effective career decisions; (3) expand and focus student career aspirations; (4) increase student motivation to learn and achieve; (5) increase cooperation between the educational and manpower institutions; (6) broaden occupational opportunities for youth; and (7) provide expanded learning opportunities to students who are academically, socioeconomically, and otherwise handicapped. Major procedures are those provided by the Appalachia Educational Laboratory Experience-Based Career Education (AEL/EBCE) model, which includes a process for organizing and defining the community for learning purposes; a process for developing, maintaining, evaluating, and updating students' programs on an individualized basis; and a process for managing the total EBCE program for accountability. About fifty students will experience documented career and academic experiential learning in the community. Community advice and support will be established through an advisory committee representative of community groups. The Portland School District will seek to institutionalize the EBCE program as an educational alternative for students in Connecticut through eventual creation of a network of EBCE sites and committed institutions across the state.

CP000008 **$315,904** **Dodrill**

Experience-Based Career Education (EBCE).

PROJECT DIRECTOR: Toccafondi, Primo
ORGANIZATION: Newark Board of Education, Del.
ADDRESS: P.O. Box 360, Newark, DE 19711. (302) 731-2452
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C., Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Delaware Congressional District At Large
GRANT: OEG-03-76-00229
PROJECT: 498AH80079
FY76-$100,532 01-Oct-76 TO 30-Sep-77;
FY77-$107,686 01-Oct-77 TO 30-Sep-78;
FY78-$107,686 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Educational Alternatives, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to provide an alternative program for high school students which will result in a higher level of knowledge and understanding of the relationship between their academic, career, and interpersonal skills and their ultimate success in careers than that of young people in a traditional education program. The Newark School District will adapt and demonstrate the Experience-Based Career Education (EBCE) model, "Community Experience for Career Education," developed by the Northwest Regional Educational Laboratory. The District will establish, maintain, and utilize a network of employer and community sites for student learning activities, with each participating student adapting an instructional program which correlates learning activities in the community with program-defined life skills, basic skills, and career development. A student's activities for each year include ten projects in specific skill areas and five career explorations which demonstrate adequate use of employer/community site resources and opportunities to the satisfaction of staff and employer instructors. Approximately sixty students will be involved in the first year (twenty in each of three high schools), 120 in the second year, and 180 in the third. Alternative strategies will be developed for demonstration and dissemination of EBCE to educational personnel throughout the State of Delaware.

CP000009 **$325,596** **Dodrill**

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.

PROJECT DIRECTOR: Datcher, Ellen F.
ORGANIZATION: District of Columbia Public Schools, Washington, D.C.
ADDRESS: 15th and C Streets, S.E., Washington, D.C. 20003. (202) 724-4553
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: District of Columbia Congressional District Number 0
GRANT: OEG-03-76-00226
PROJECT: 498AH80075
FY76-$108,571 01-Oct-76 TO 30-Sep-77;
FY77-$108,571 01-Oct-77 TO 30-Sep-78;
FY78-$108,454 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Individualized

Programs, *School Community Programs, Secondary Education, *Urban Education
IDENTIFIERS: *Experience Based Career Education

The goal of the program is to implement a comprehensive, individualized alternate plan of full-time learning for high school students which relies upon active participation of the community to provide direct, nonpaying learning experiences in real-life settings as preparation for future careers. The Experience-Based Career Education (EBCE) model developed and tested by the Far West Regional Laboratory will be adapted to meet the needs of District of Columbia students. Key features include (1) enlistment of competent adults from all sectors of the community as partners in the educational process; (2) redefinition of the role of school staff and students in planning and carrying out individualized learning plans geared to academic, interpersonal, career, and basic skills development; and (3) provision of learning activities, primarily at resource sites in the community, supported and supplemented by staff and materials at an EBCE learning center close to the two participating high schools. Students will be recruited from the tenth and eleventh grades on a voluntary basis. The program will serve 100 students in the first year, 200 in the second, and 400 in the third. First-year activities will include recruiting and training staff (including program director, resource analyst, and learning coordinator), selecting a community advisory committee, developing the implementation design and program, and securing a third-party evaluator. A plan will be provided for the assimilation of the EBCE model into the ongoing program of the District of Columbia Public Schools.

CP000010 **$411,984** Dodrill

Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.

PROJECT DIRECTOR: Bert, Virginia
ORGANIZATION: Florida State Dept. of Education, Tallahassee. Div. of Vocational Education.
ADDRESS: Knott Building, Tallahassee, FL 32304. (904) 488-1831
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Florida Congressional District Number 2
GRANT: OEG-04-77-03001
PROJECT: 498AH80088
FY77-$218,855 01-Jul-77 TO 30-Jun-78;
FY78-$193,129 01-Jul-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: July 1, 1977 - June 30, 1980.
DESCRIPTORS: *Career Education, *Consortia, *Educational Alternatives, Post Secondary Education, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to further develop, expand, diffuse, demonstrate, and evaluate an educational program which provides an experience-based career education (EBCE) component at the secondary level in three Florida school districts and one postsecondary site. These four components will be extensions to currently operating exemplary career education models. The project will be conducted through a consortium composed of Broward, Pinellas, and Orange school districts, and Manatee Junior College. A steering committee and task force will share experiences related to the development, implementation, and coordination of the respective experience-based career education programs. An orientation to EBCE will be held for participants' parents, and techniques developed for assessing student achievement. A system for developing a continuously expanding catalog of objectives, activities, and resources will be developed. Dissemination activities will be conducted so that the four models may be adapted at secondary and postsecondary levels throughout the state.

CP000011 **$491,381** Dodrill

Demonstration of the National Institute of Education's Experience-Based Career Education.

PROJECT DIRECTOR: Fritchley, Ronald L.
ORGANIZATION: Pioneer Cooperative Educational Service Agency, Cleveland, Ga.
ADDRESS: P.O. Box 548, Cleveland, GA 30528. (404) 865-2141
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Georgia Congressional District Number 9
GRANT: OEG-04-76-03001
PROJECT: 498AH80063
FY76-$138,523 09-Sep-76 TO 08-Sep-77;
FY77-$190,345 09-Sep-77 TO 08-Sep-78;
FY78-$162,513 09-Sep-78 TO 08-Sep-79
DESCRIPTORS: *Career Education, *Educational Alternatives, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to implement and demonstrate the Far West Laboratory (FWL) Experience-Based Career Education (EBCE) model in such a way that students will show growth in the areas of basic skills, self-development, career awareness, decision making, interpersonal skills, and problem solving. Pioneer Cooperative Education Service Agency will serve as fiscal agent and program manager to implement the program in the three Hall County high schools during the first year. Gainesville City and Union County high schools will be added the second year, and all high schools will be operating the third year. Project staff will be trained by FWL in resource development and student project planning. Operation of the model is based on communication, cooperation, and balance between the EBCE school site and resource sites in the community where students observe and participate in career exploration observation and work experiences. In individual and group sessions at the school site, students and learning coordinators plan, discuss, and evaluate learning activities that utilize community resource people, organizations, and other resources. Students will receive credit toward satisfying requirements for a high school diploma for participation in the program. The Northwest Regional Educational Laboratory will conduct a third-party evaluation covering processes, products, and student outcomes in basic skills, career development, and integration of the two. The Georgia Facilitator and National Diffusion Networks will be utilized to disseminate curriculum and staff development materials and processes and other products and results so that EBCE programs may be adapted at other sites.

CP000012 **$324,357** Thiel

Holomua Project.

PROJECT DIRECTOR: Triplett, Frank
ORGANIZATION: Hawaii State Dept. of Education, Honolulu, Hawaii Administrative District.
ADDRESS: P.O. Box 2360, Honolulu, HI 96804 (808) 935-5456
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Hawaii Congressional District Number 2
GRANT: OEG-09-76-00182
PROJECT: 498AH80054
FY76-$101,299 01-Sep-76 TO 31-Aug-77;
FY77-$111,529 01-Sep-77 TO 31-Aug-78;
FY78-$111,529 01-Sep-78 TO 31-Aug-79

DESCRIPTORS: *Career Education, *Educational Alternatives, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of this project is to implement and demonstrate an alternative educational program for 165 high school students in which they will have the opportunity to better prepare and develop post high school career plans through direct contacts with adults in real work situations located throughout the community of Hilo. The Experience-Based Career Education (EBCE) project will involve the participation of various elements of the community through a community advisory board which will provide advice and assistance to the Hawaii State Department of Education District Office, which will administer the project. Career stations within the community, provided by cooperating employers from the public and private sectors, will enable participating students to explore and experience various occupations. In addition to career exploration experiences, the program will emphasize individually prescribed instruction and basic academic skills relevant to specified career plans. Instruction in life survival skills (e.g., personal care and health, budgeting and finance, citizenship) will also be included. Research activities will be organized and conducted by a third-party evaluator. Dissemination activities will be conducted so that other education personnel throughout the state may replicate and expand successful program features.

CP000013 **$318,400** **Thiel**

Experience-Based Career Education Implementation and Demonstration Project.

PROJECT DIRECTOR: Matthews, Paul
ORGANIZATION: Pocatello School District 25, Idaho
ADDRESS: P.O. Box 1766, Pocatello, ID 83201. (208) 233-7100
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Idaho Congressional District Number 2
GRANT: OEG-10-76-00076
PROJECT: 498AH80071
FY76-$94,993 16-Sep-76 TO 15-Sep-77;
FY77-$111,878 16-Sep-77 TO 15-Sep-78;
FY78-$111,529 16-Sep-78 TO 15-Sep-79
DESCRIPTORS: *Career Development, *Career Education, Disadvantaged Youth, *Educational Alternatives, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

This project is designed to provide young people in the district's schools with a full-time alternative educational program in which student participants will be awarded credit toward high school graduation requirements. Specific objectives are to (1) increase student abilities in basic skill areas; (2) increase knowledge of the world of work and of career development processes and practices; (3) increase life skills essential for transition into adulthood; and (4) develop in young people, parents, community resource people, and employees of participating students a positive attitude toward the program. The Experience-Based Career Education (EBCE) model developed in Tigard, Oregon, under the sponsorship of technical assistance of the Northwest Educational Laboratory will be adapted to the needs of the school district and community of Pocatello. Components include use of the Learning Plan Cycle to develop individual learning plans through a continuous process of assessment, prescription, evaluation, and integration; and learning strategies such as career explorations, competency certification, and employer seminars to help students combine experience in life skills, basic skills, and career development. The program may become a model for all school districts and communities in the State of Idaho by contributing to reduced youth unemployment, creating bridges between school and earning a living, and serving youths who have academic, socioeconomic, or other handicaps.

CP000014 **$718,665** **Thiel**

Illinois Experience-Based Career Education Project.

PROJECT DIRECTOR: McCage, Ronald D.
ORGANIZATION: Illinois State Office of Education, Springfield. Div. of Adult Vocational and Technical Education.
ADDRESS: 100 North First Street, Springfield, IL 62777. (217) 782-4620
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Illinois Congressional District Number 50
GRANT: OEG-05-76-00215
PROJECT: 498AH80064
FY76-$238,571 15-Sep-76 TO 14-Sep-77;
FY77-$241,746 15-Sep-77 TO 14-Sep-78;
FY78-$238,348 15-Sep-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Individualized Programs, *Rural Education, School Community Cooperation, Secondary Education, *Urban Education, *Vocational Education
IDENTIFIERS: *Experience Based Career Education

Objectives of the project are to (1) better coordinate the efforts of classroom, laboratory, and work experience education, both academic and vocational, to enable students to develop and carry out individualized learning projects in which they apply academic knowledge and skills to solve actual problems in community settings; and (2) allow students to utilize community resources for in-depth exposure to a broader spectrum of careers and to develop skills necessary for sound career choices. The Illinois Office of Education (IOE) will implement, evaluate, and diffuse a comprehensive Experience-Based Career Education (EBCE) program in three school districts. Staff in Sycamore C.U. School District 427 will be implementing EBCE materials developed by the Far West Educational Laboratory (FWEL) in one high school in a rural setting. Joliet Township High School District 204 will implement the FWEL materials in an urban community in three city high schools and two alternate schools under separate administrative heads. Decatur School District 61, a unit school district within an urban community, will use the Northwest Regional Educational Laboratory model in four high schools and two parochial schools through an Area Vocational Center. Thus, three distinct delivery systems will be used to provide individualized career exploration experiences for high school students in their respective communities. Educational Management Services, Inc., will evaluate the total project. After two consecutive years of implementation, evaluation, and internal dissemination within the three districts, technical assistance teams comprised of representatives from each of the three agencies and spearheaded by the IOE will conduct regional awareness conferences/workshops for diffusing EBCE information.

CP000015 **$333,400** **Thiel**

Urban Area Experience-Based Exploration for Career Decisions.

PROJECT DIRECTOR: Hoffman, Wally
ORGANIZATION: Indianapolis Public Schools, Ind.
ADDRESS: 120 East Walnut Street, Indianapolis, IN 46204. (317) 266-4477
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Indiana Congressional District Number 11

GRANT: OEG-05-77-0002
PROJECT: 498AH80046
FY77-$148,970 15-Jan-77 TO 14-Jan-78;
FY78-$184,430 15-Jan-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 15, 1977-June 30, 1980.
DESCRIPTORS: *Career Education, Occupational Clusters, School Community Cooperation, Secondary Schools, *Student Development, *Urban Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to implement strategies, techniques, and methods of the Northwest Regional Educational Laboratory's Experience-Based Career Education Program into the regular career education program of the Indianapolis Public Schools. Procedures will include the following activities: basic introduction to cluster structure, life-planning skills, competency building, and problem solving techniques. Exploration and/or specialization will take place during a ninety-day work experience in the community during the junior or senior year. There will also be learning site analyses, employer seminars, and study of decision-making skills. Students from eleven schools in the Indianapolis area will have the opportunity to acquire basic life and job entry skills, and will learn how to process career decisions related to those skills and their further education or training.

CP000016 $494,998 Thiel

Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.

PROJECT DIRECTOR: Williams, James E.
ORGANIZATION: New Albany-Floyd County School Corp., Ind.
ADDRESS: 506 W. Spring Street, New Albany, IN 47150. (812) 948-8037
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Indiana Congressional District Number 9
GRANT: OEG-05-76-00217
PROJECT: 498AH80069
FY76-$158,700 17-Sep-76 TO 16-Sep-77;
FY77-$168,149 17-Sep-77 TO 16-Sep-78;
FY78-$168,149 17-Sep-78 TO 16-Sep-79
DESCRIPTORS: *Career Education, Cluster Grouping, Elementary Education, *Inservice Programs, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to facilitate improved career decision-making capabilities by expanding student personal, occupational, and curricular awareness and thereby providing students with the knowledge and reality-based experience to make rational decisions related to academic and career plans. The project will adapt the materials and know-how of the Research for Better Schools (RBS) Experience-Based Career Education (EBCE) program to improve the local K-12 career education plan focusing on development of a system-wide EBCE program designed as an elective available to all sophomores, juniors, and seniors in the district. Tasks include (1) realignment and expansion of the established Career Resource Center and its staff responsibilities; (2) orientation and inservice training for career center staff, teachers, administrators, and participating community resource site personnel; (3) screening and selection of specific community resource sites; (4) development of uniform student exploration-investigation procedures and requirements; and (5) establishment of specific on-site inquiry experiences for each community resource facility. Students will explore and investigate career cluster resource sites in the community on an extended first-hand basis. During the tenth and eleventh grades, they may participate in three one-week resource explorations; during the twelfth grade, they may take part in one personalized career investigation experience one day a week for nine consecutive weeks. New Educational Directors, Inc., will conduct a third-party evaluation of the program. The Consolidated School Corporation will disseminate career education information products to all interested school corporations throughout the state of Indiana. Local education agencies will be given packets during inservice workshops and/or during career education sharing conferences.

CP000017 $424,348 Miller

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.

PROJECT DIRECTOR: Larson, Carl
ORGANIZATION: Iowa Central Community Coll., Fort Dodge. Career Education Div.
ADDRESS: 330 Avenue M, Fort Dodge, IA 50501. (515) 576-3103
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Iowa Congressional District Number 6
GRANT: OEG-07-76-00090
PROJECT: 498AH80058
FY76-$134,479 01-Oct-76 TO 30-Sep-77;
FY77-$153,616 01-Oct-77 TO 30-Sep-78;
FY78-$136,253 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, Career Opportunities, *Experiential Learning, *Rural Education, *Rural Schools, *School Community Programs, School Industry Relationship, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to (1) demonstrate and evaluate the Experience-Based Career Education model developed by the Appalachia Educational Laboratory (EBCE-AEL); (2) increase interaction between the school and the community in the education of their youth; (3) provide for volunteer students, through experiential learning opportunities, an awareness of career opportunities other than that preferred by Iowa's traditional exploratory programs; (4) demonstrate the EBCE-AEL model in a rural setting; and (5) help students achieve a series of specific career development goals. Iowa Central Community College will act as the facilitator and provide the necessary staff and facilities for thirty-three local high schools to implement the EBCE-AEL model. Activities include establishment of a steering committee of school administrators and business and industry leaders; hiring and training of learning coordinators to facilitate activities of students; orientation of and coordination with school administrative and guidance staffs, students, parents, and business and industry management personnel; and conduct of the program in the college learning centers and at the local town experience sites. Anticipated project outcomes are the demonstration that the EBCE-AEL model can be adapted to serve the needs of students in the rural areas of Iowa, demonstration that this alternative education program through experiential learning activities will provide experiences for high school students which will help them make wise career choices, achievement of greater interaction between schools and communities in the education of youth, and demonstration that this program is cost effective and organizationally compatible with existing school curriculum.

CP000018 $400,850 Miller

Wichita Experience-Based Career Education Project.

PROJECT DIRECTOR: Best, Kenneth G.
ORGANIZATION: Wichita Public Schools, Kans.
ADDRESS: 428 South Broadway, Wichita, KS 67202. (913) 268-7845
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Kansas Congressional District Number 4
GRANT: OEG-07-76-00091
PROJECT: 498AH80059
FY76-$126,624 01-Oct-76 TO 30-Sep-77;
FY77-$145,019 01-Oct-77 TO 30-Sep-78;
FY78-$129,207 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Educational Alternatives, *Individualized Programs, Instructor Coordinators, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The goals of the project are to adopt the Appalachia Educational Laboratory's model of Experience-Based Career Education (EBCE) as a comprehensive alternative to high school by providing students with access to adults and adult environments throughout the community; and provide for students, in addition to the basic academic skills, the development and refinement of career decision-making skills, job-related skills, and other life-role skills including those related to the family, community, and politics. The first semester will be utilized in learning coordinator training, recruiting sites, site analysis, developing cross reference catalogs for each discipline, writing learning site experience guides, implementing the formative and summative evaluation plan, and other prerequisites to student participation. Each student will select or be assigned to a learning coordinator who will be responsible for the development of the individualized learning plans of approximately twenty-five students. Additionally, each learning coordinator will be a member of an interdisciplinary Learner, Instruction-Facilitator Team (LIFT) of approximately 300 students and twelve coordinators. The entire high school will then be comprised of six LIFTs with the potential for EBCE opportunities available to all 1800 students by the end of the third year. Wichita High School East can serve as a demonstration site with the capability of offering technical assistance to others in Kansas and the Midwest who wish to adopt EBCE.

CP000019 $413,429 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Ruhlin, Fran
ORGANIZATION: Fayette County Public Schools, Lexington, KY.
ADDRESS: 701 East Main Street, Lexington, KY 40502. (606) 259-1411
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Kentucky Congressional District Number 6
GRANT: OEG-04-76-03002
PROJECT: 498AH80043
FY76-$127,857 28-Sep-76 TO 27-Sep-77;
FY77-$142,786 28-Sep-77 TO 27-Sep-78;
FY78-$142,786 28-Sep-78 TO 30-Jun-79
DESCRIPTORS: Academically Handicapped, *Career Education, Disadvantaged Youth, Employment Opportunities, Handicapped Students, Individualized Programs, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to establish for high school juniors and seniors an alternative approach for completion of a substantial portion of the high school graduation requirements by earning required and elective course credits through community-based activities. Specific objectives are to (1) reduce the level of youth unemployment, (2) create viable working relationships between public education and manpower agencies, (3) broaden occupational aspirations and the opportunities for young people, and (4) provide appropriate educational service for young people who have academic, socioeconomic, or other handicaps. The Experience-Based Career Education (EBCE) model developed and field tested by the Northwest Regional Educational Laboratory will be replicated in the four high schools in the school system with fifty to sixty students in the first year, 100 to 130 in the second, and 140 to 160 in the third. A variety of community employers, agencies, and businesses will cooperate in assisting students with community educational experiences. Students, with teacher directions, will have carefully developed individualized learning plans as a basis for activities which integrate basic academic skills, life skills (such as decision-making processes), and career development (e.g., identifying career interests and job skills). Students will have the opportunity to try out several career fields before deciding on a course of action after high school. An operational EBCE program will continue after federal monies cease, and program implementation information will be disseminated.

CP000020 $467,033 Miller

A Proposal to Implement an EBCE Model.

PROJECT DIRECTOR: Jenks, Houston C.
ORGANIZATION: Saint Charles Parish School Board, Luling, La.
ADDRESS: P.O. Box 46, Luling, LA 70070. (504) 722-1396
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Louisiana Congressional District Number 3
GRANT: OEG-61-76-00969
PROJECT: 498AH80082
FY76-$134,467 27-Sep-76 TO 26-Sep-77;
FY77-$156,326 27-Sep-77 TO 26-Sep-78;
FY78-$176,240 27-Sep-78 TO 26-Sep-79
DESCRIPTORS: *Career Education, English Instruction, *Experiential Learning, Group Counseling, Individualized Instruction, Mathematics Instruction, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

In response to the need for effective transition from education to work, the project objectives are to provide a cognitive and affective information base for students including life role and job-related skills, develop decision-making skills of students, and increase academic proficiency in English and mathematics. The Experience-Based Career Education model developed by Research for Better Schools, Inc., will be used to provide a program with three components: (1) Career Development provides experiential learning activities at community sites, allowing access to adults in the work environment, and includes exploration of job clusters and specialization in specific areas; (2) Career Guidance uses group counseling to impart decision-making skills and presents procedures for self-assessment, organizing information, and values clarification; (3) the Academic Resource Center offers individualized instruction in English and mathematics emphasizing student self-direction. In the first year the program will be offered in one high school for forty students. A second high school will be added the second year, increasing enrollment to 140 students. Capacity will increase to 240 in the third year. An alternative to the vocational education experiences is presently available to students.

CP000021 $339,893 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Bagley, Roy
ORGANIZATION: School Administrative District 51, Cumberland Center, Maine.
ADDRESS: Maine Street, Cumberland Center, ME 04021. (207) 829-3343
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Maine Congressional District Number 1
GRANT: OEG-03-76-00050
PROJECT: 498AH80060
FY76-$113,247 17-Sep-76 TO 16-Sep-77;
FY77-$113,323 17-Sep-77 TO 16-Sep-78;
FY78-$113,323 17-Sep-78 TO 16-Sep-79
DESCRIPTORS: *Career Education, *Educational Alternatives, *Individualized Programs, *Inservice Teacher Education, School Community Relationship, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to implement an Experience-Based Career Education (EBCE) model in Cumberland Center that will serve as an alternative to the standard high school program, and demonstrate EBCE and provide technical assistance to potential adopters of EBCE, especially in Region I. The Appalachia Educational Laboratory (AEL) will train staff members in the EBCE model developed at AEL. Each will be trained as a site analyst, prepared to develop community resources into learning sites for student career exploration activities, and as a learning coordinator, prepared to assist students in the development of individualized learning plans that integrate basic skills development with the career development components of the curriculum. Initially two staff members will be involved in resource site development and promotion of community, school, and student awareness of the EBCE program. Two others will work on revising, adapting, and developing the curriculum to meet Greely High School guidelines and the EBCE model. In the first year twenty-five Greely High School students will be involved with learning coordinators and community resource people in implementation of the individualized learning process. The number of participating students will increase to fifty in each semester of the second year and to seventy in each semester of the third. Dissemination activities will include two-week summer workshops for Region I schools. A third-party evaluation will be conducted by New Educational Directions. Over the next three years staff will be trained so that five other EBCE sites will be established in Region I. Supportive data on the effectiveness of EBCE as an alternative to high school education will be disseminated to state career and vocational education personnel as well as to interested national offices.

CP000022 $447,505 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Hall, H. Eugene
ORGANIZATION: Regional Education Service Agency, Cresaptown, Md.
ADDRESS: 13202 6th Avenue, Cresaptown, MD 21502. (301) 729-1604
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Maryland Congressional District Number 6
GRANT: OEG-03-76-00231
PROJECT: 498AH80073
FY76-$142,463 01-Oct-76 TO 30-Sep-77;
FY77-$152,521 01-Oct-77 TO 30-Sep-78;
FY78-$152,521 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: Academically Handicapped, *Career Education, Disadvantaged Youth, Handicapped Students, *School Community Cooperation, Secondary Education, Youth Employment
IDENTIFIERS: *Experience Based Career Education

An alternative high school program will be offered to achieve these goals: (1) provide a bridge between career-oriented and academics-oriented educational activities; (2) provide students with personal attitudes and skills required to make effective career decisions; (3) expand and focus student career aspirations and increase the employability and employment of each student; (4) increase student motivation to learn and achieve; (5) increase cooperation between educational and manpower institutions; (6) broaden occupational opportunities for youth; and (7) provide expanded learning opportunities to students academically, socioeconomically, or otherwise handicapped. The agency will implement the Appalachia Educational Laboratory (AEL) Experience-Based Career Education (EBCE) model for students from two public and one parochial high school in Cumberland. Activities will take place at a former school used as a learning center and at various community experiential sites in the tri-state region. Learning coordinators and experience site analysts will be trained by processes developed by AEL to aid students in the development of individualized learning programs. These will include documented career exploration and academic experiences at various community sites for two to thirteen weeks at each placement. Students will spend one day a week at the learning center in individual conferences with the learning coordinator. The West Virginia University Office of Education Research and Field Services will conduct a third-party evaluation. The project will serve as a demonstration site for extending the EBCE model to all schools in Allegany and Garrett Counties including possible adaptation of the concept among the three community colleges, the state college, and the university.

CP000023 $317,866 Thiel

Experience-Based Career Education Program (EBCE) Project OMEGA.

PROJECT DIRECTOR: Poledink, Paul
ORGANIZATION: Wayne-Westland Community Schools, Mich. Career/Vocational Education Curriculum Div.
ADDRESS: 3712 Williams Street, Wayne, MI 48184. (313) 277-3778
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Michigan Congressional District Number 15
GRANT: OEG-05-77-00001
PROJECT: 498AH80025
FY77-$96,816 29-Jan-77 TO 28-Jan-78;
FY78-$221,050 29-Jan-78 TO 28-Jan-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 29, 1977 - January 28, 1980.
DESCRIPTORS: *Career Education, *Educational Alternatives, *School Community Cooperation, School Industry Relationship, Youth Employment
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to help EBCE students learn about careers, life, other people, and themselves through working with adults and to gain competence in the skills adults need to function effectively in a technological society. Specific objectives are to (1) reduce youth unemployment, (2) bridge the gap between school and work, (3) broaden the occupational aspirations and opportunities education curriculum, (4) cap the career infusion model, (5) blend the program with Exploration Project efforts, and (6) provide other alternatives for students. The Experience-Based Career Education model developed by the Northwest Regional Educational Laboratory (NWREL) will be used with a cross section of the student population at John Glenn High School, Wayne Memorial High School, and the alternate Wayne Evening Youth Program. The stratified ran-

dom sampling technique will be used. The student cross section will include the economically disadvantaged, gifted and talented, underachiever, overachiever, all ability levels, females and males, and juniors and seniors. All students will have reached at least junior high status before being considered for admission. Students will have access to materials, equipment, and supplies at a learning center at Wayne Memorial High School Annex. Four training seminars will be conducted each year to meet needs of community persons cooperating in the program. Four seminars during the second and the third years will take on different dimensions as different needs are identified. A follow-up of graduates will be used. Materials and techniques developed during the program will be made available to interested persons. Interaction of the program with the community will foster a more positive relationship between the schools and industry. The program will help bridge the education/career gap and provide a viable alternative to students who are not benefiting from existing programs.

CP000024 $331,971 Thiel

Computerized Exploration of Community Experiences for Career Education.

PROJECT DIRECTOR: Freeman, David
ORGANIZATION: Waterford Township School District, Pontiac, Mich.
ADDRESS: 1325 Crescent Lake Road, Pontiac, MI 48054. (313) 674-3191
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Michigan Congressional District Number 19
GRANT: OEG-05-76-00214
PROJECT: 498AH80052
FY76-$110,455 15-Sep-76 TO 14-Sep-77;
FY77-$110,733 15-Sep-77 TO 14-Sep-78;
FY78-$110,783 15-Sep-78 TO 14-Sep-79
DESCRIPTORS: *Career Education, *Experiential Learning, Group Guidance, *Individualized Programs, Occupational Information, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to provide a systematic and comprehensive program which integrates effective academic growth, career development, and personal/social maturation in such a way that students gain both personal satisfaction and preparation for success in adult roles; involve teachers in developing and implementing a program which meets the identified needs of the students; and gain community cooperation in preparing students for their adult roles as satisfied and successful community members. The Northwest Regional Educational Laboratory's model for Experience-Based Career Education (EBCE) will be adapted and installed in the Waterford School District. Basic curriculum components include: (1) a program of individual student assessment; (2) use of assessment results in negotiation of individual learning plans by students and project staff; (3) short (three- to five-day) and long (three- to thirteen-week) career explorations at community sites in which students encounter people, job tasks, tools, and resources related to occupations of interest; (4) special projects, also at community sites, designed to integrate academic and career education; (5) occupational information seminars of students and employers; and (6) weekly guidance group activities. Specific process models will be implemented for teacher involvement, community relations, project evaluation (by a third party), and dissemination. The project will be transported to other Waterford High Schools so that the EBCE program will be an option for all students in the district. It will also serve as a model for agencies at the state or national level to modify or replicate.

CP000025 $302,994 Thiel

Demonstration of National Institute of Education Experience-Based Career Education Program.

PROJECT DIRECTOR: Driessen, Gerrie
ORGANIZATION: Educational Service Center, Coon Rapids, Minn.
ADDRESS: 11299 Hanson Blvd., N.W., Coon Rapids, MN 55433. (612) 755-8220
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Minnesota Congressional District Number 8
GRANT: OEG-05-77-00197
PROJECT: 498AH80032
FY77-$151,497 01-Jul-77 TO 30-Jun-78;
FY78-$151,497 01-Jul-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: July 1, 1977 - June 30, 1980.
DESCRIPTORS: *Career Education, *Control Groups, Guides, Job Skills, *Vocational Maturity
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to see that Experience-Based Career Education (EBCE) students do as well as or better than two control groups relative to the following broad areas: job skills, career selection, maturation skills, and attitude awareness. Procedures will include (1) interviewing, hiring, and training project staff; (2) identifying and evaluating experience sites; (3) preparing site learning guides; (4) developing local guide books; (5) training experienced site personnel; (6) recruiting students; (7) orienting and placing students at sites; (8) preparing reports; (9) preparing internal evaluation; and (10) requesting funding for 1978-79. Dissemination will be accomplished through published materials and invitations for onsite inspections.

CP000026 $381,092 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Mattison, Bill
ORGANIZATION: Itawamba Community Junior Coll., Tupelo, Miss.
ADDRESS: 653 Eason Blvd. Tupelo, MS 38801. (601) 842-5621
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Mississippi Congressional District Number 1
GRANT: OEG-04-76-03003
PROJECT: 498AH80065
FY76-$117,298 14-Sep-76 TO 13-Sep-77;
FY77-$131,897 14-Sep-77 TO 13-Sep-78;
FY78-$131,897 14-Sep-78 TO 13-Sep-79
DESCRIPTORS: *Cooperative Education, *Disadvantaged Youth, Individualized Programs, *Occupational Guidance, Postsecondary Education, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Objectives are to provide an individualized developmental studies program for educationally disadvantaged students which will include development of reading comprehension and mathematical skills along with career exploration experiences in a nontraditional setting. The project will expand the existing cooperative education program, permitting student exposure to a minimum of three diverse work environments. Selected components of the Appalachia Educational Laboratory's (AEL) Experience-Based Career Education (EBCE) model will be used to provide an individualized fifteen-week course for high school dropouts and graduates. AEL methods to be used are learning site analysis, individualized student learning packages with behavior-

ally stated objectives, and employer recruitment strategies. A two-week student orientation will include testing, occupational information, and selection by each student of at least three occupations to explore during the twelve-week onsite experience phase. Four days of each week will be spent onsite; the fifth day will be spent on campus for planning and review with the learning coordinator and for study and research in the resource center. During the one-week wrap-up and evaluation sessions students may choose to enter further training or receive job placement assistance. A third-party evaluation will be contracted. Various means of dissemination will be utilized to publicize the program strategies and outcomes throughout the state of Mississippi in the hope that positive elements will be incorporated into other vocational education programs on the secondary and postsecondary levels.

CP000027 $477,513 Miller

Parkway - Experience-Based Career Education.

PROJECT DIRECTOR: Garrison, James M.
ORGANIZATION: Parkway School District, Chesterfield, Mo.
ADDRESS: 455 North Woods Mill Road, Chesterfield, MO 63017. (314) 434-8412
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Missouri Congressional District Number 2
GRANT: OEG07-76-00092
PROJECT: 498AH80057
FY76-$156,209 01-Oct-76 TO 30-Sep-77;
FY77-$161,563 01-Oct-77 TO 30-Sep-78;
FY78-$159,741 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Manuals, *School Community Cooperation, Secondary Education, *Student Placement, *Suburban Schools
IDENTIFIERS: *Experience Based Career Education

The goals of the project are to (1) create bridges between school and earning a living, broadening occupational aspirations and opportunities for youth; (2) promote cooperation between public education and manpower agencies; and (3) reduce youth unemployment through placement of graduates in an entry-level occupation or a postsecondary training program. The Experience-Based Career Education (EBCE) model developed by the Northwest Regional Educational Laboratory will be implemented in the Parkway School District. The 300 participating students from the eight high schools involved (four public and four nonpublic) will receive diploma credit in academic subjects for completion of career exploration projects in the community. Individual content requirements will be negotiated with each student to organize activities at the work sites around the broad curriculum components of academic, career, and interpersonal skills. A central learning center will serve as home base for the learning experiences of all students. Community-school advisory and steering committees will operate the program under the direction of a program coordinator. Evaluative Research, Inc. will conduct a third-party evaluation. The major product will be a manual describing the methods used to implement the EBCE model in a midwestern suburban school district. A statewide dissemination system will be developed through the Missouri State Department of Education.

CP000028 $321,303 Miller

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.

PROJECT DIRECTOR: Kuhlman, Judy
ORGANIZATION: State Fair Community Coll., Sedalia, Mo.
ADDRESS: 1900 Clarendon Road, Sedalia, MO 65301. (816) 826-7100
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Missouri Congressional District Number 4
GRANT: OEG-07-77-00001
PROJECT: 498AH80026
FY77-$161,736 01-Jun-77 TO 31-May-78;
FY78-$159,567 01-Jun-78 TO 31-May-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: June 1, 1977 - May 31, 1980.
DESCRIPTORS: *Career Education, Cluster Grouping, Elementary Education, *Occupational Clusters, *Program Development, *Rural Education, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The objectives of the project are to (1) continue a career awareness and career development program in grades K-8 through use of materials previously developed in a Part B program; (2) implement an in-school experience-based program in grades 9-10 utilizing materials from experience-based career education program of the Appalachia Educational Laboratory; (3) expand skill career education training opportunities available to youth in grades 11-12; and (4) expand skill training opportunities for postsecondary, adult, and special needs students through pilot testing of cluster curriculum individualization and mediation of training programs. The project will infuse objectives of the Experience-Based Career Education (EBCE) Program into the existing in-school cluster structures designed for occupation and initial job preparation in ten systems in a three-county area and will focus on career cluster explorations. A site analyst will gather and compile information about possible job experience sites and a community advisory council will be created to assist with program implementation. Learning centers will be established as the project becomes operational, and stress placed on developing effective communication between the community and participating school systems. A monthly newsletter about the project will be distributed and there will be formative and summative evaluation. Students and learning coordinators will work closely together. Survey instruments will be used to determine career awareness and maturity and to attain placement data. The project will promote all aspects of career education and provide experience-based programs at the junior high level in an area covering three counties and will serve as a model for the other rural areas in Missouri.

CP000029 $320,240 Miller

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.

PROJECT DIRECTOR: Jackson, Frances
ORGANIZATION: Great Falls Public Schools, Mont.
ADDRESS: P.O. Box 2428, Great Falls, MT 59403. (406) 791-2185
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional

District Number 1
GRANT: OEG-08-76-00112
PROJECT: 498AH80036
FY76-$100,000 01-Sep-76 TO 31-Aug-77;
FY77-$110,120 01-Sep-77 TO 31-Aug-78;
FY78-$110,120 01-Sep-78 TO 30-Jun-79
DESCRIPTORS: Audiovisual Aids, *Career Education, *Cooperative Education, Curriculum Guides, *Individualized Instruction, Manuals, Program Improvement, School Community Cooperation
IDENTIFIERS: *Experience Based Career Education

Project objectives are to (1) identify, develop, and/or implement career programs which are based upon manpower needs and student career interests; (2) implement an up-to-date guidance program; (3) develop a placement system including both information and services; and (4) improve existing programs and student performance in basic skills and specified areas of career development. Selected elements of the Northwest Regional Educational Laboratory's Experience-Based Career Education (EBCE) model will be utilized to develop new programs in cooperative vocational education and work experience and to improve the existing experiential program in the district. Both the developmental and improvement efforts will rely heavily upon the techniques employed for the recruitment and training of persons in the business/industry/labor community to serve as community models and instructors for young people. Emphasis is on individualized instruction including the basic skills of mathematics and language arts. Processes for student career development have been identified as self-awareness, career awareness, career exploration, career preparation, and placement in either work or further training and education. Program components include career-related inschool experience, work and out-of-school experience, supervision in a work environment, and participation in a productive economic role. Placement procedures will be developed with the collaboration of manpower personnel and other agencies having a placement function. Dissemination products will include curriculum guides, a bibliography on bias-free career guidance materials, audiovisual materials, and procedural manuals.

CP000030 $243,753 Miller

Experience-Based Career Education.

PROJECT DIRECTOR: Terman, C. Burnett
ORGANIZATION: Grand Island Public Schools, Nebr.
ADDRESS: 2124 North Lafayette Ave., Grand Island, NE 68801. (308) 384-1430
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Nebraska Congressional District Number 3
GRANT: OEG-07-77-00002
PROJECT: 498AH80044
FY77-$124,026 01-Jul-77 TO 30-Jun-78;
FY78-$119,727 01-Jul-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: July 1, 1977 - June 30, 1980.
DESCRIPTORS: *Career Education, *Career Exploration, Educational Alternatives, *Occupational Clusters, Occupational Mobility, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to implement a Career-Based Career Education program at Grand Island Senior High School to provide alternative learning modes and content for students. The Experience-Based Career Education program will be initiated by organizing career information and exploratory learning sites into job clusters. Twenty randomly selected students will participate. The program will be expanded to include at least sixty students during its second and third year. The relationship of jobs within and between clusters will be developed so that students will gain an understanding of job mobility. The Northwest Regional Laboratory will provide inservice assistance. Students will explore job sites for three to five days in order to determine which job task they want to pursue. The use of a student career journal, the development of sites, and site instructors will be beneficial to all cooperative education programs. The state department of education will assist in dissemination activities.

CP000031 $353,671 Miller

Experience-Based Career Education (EBCE).

PROJECT DIRECTOR: Grell, Darrell
ORGANIZATION: Lincoln City School District, Nebr.
ADDRESS: P.O. Box 82889, Lincoln, NE 68501. (402) 473-0276
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Nebraska Congressional District Number 1
GRANT: OEG-07-76-00093
PROJECT: 498AH80056
FY76-$109,918 01-Oct-76 TO 30-Sep-77;
FY77-$124,013 01-Oct-77 TO 30-Sep-78;
FY78-$119,740 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, Guidance Services, Individualized Programs, Program Design, School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The project goal is to adapt the Research for Better Schools model to the Experience-Based Career Education (EBCE) program for each high school and install the adaptations over a period of three years. The EBCE model is a comprehensive, individualized, alternative plan of learning which makes maximum use of resources in the community to provide direct experiences for development of career exploration, academic skills, and skills generally required for successful living. The Lincoln EBCE plan has three elements: (1) guidance activities for all tenth grade students involving self-understanding, goal setting, and career education plans; (2) an alternative class schedule of eight-ten hours a week of career exploration experience at community sites, individualized instruction in basic academic areas, regular classes part of the day, and a continuing guidance program to integrate experiences; and (3) specialization experiences for those who want in-depth exploration of a specific career area. Major project activities include designing guidance, exploration, and specialization programs; locating community resources for exploration and specialization experiences; developing resource centers in each school; and providing leadership on district and local levels so that projects can operate with 150-200 students in each school year. The project outcome will be a program conceived of and operated as an integral part of total instructional services of each high school a program unique to that school but consistent with the established set of characteristics of the EBCE model.

CP000032 $320,714 Thiel

Rural/Secondary/Post-Secondary, EBCE Demonstration.

PROJECT DIRECTOR: Davis, J. Clark; Berasain, Marcia
ORGANIZATION: Western Nevada Community Coll., Carson City.
ADDRESS: 2201 West Nye Lane, Carson City, NV 89701. (702) 885-5070
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Nevada Congressional

District Number 1
GRANT: OEG-09-76-00179
PROJECT: 498AH80055
FY76-$106,624 01-Sep-76 TO 31-Aug-77;
FY77-$107,045 01-Sep-77 TO 31-Aug-78;
FY78-$107,045 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Career Education, *College Cooperation, *Educational Alternatives, *Rural Education, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to (1) provide students an opportunity to learn the process of career decision-making by direct experience in the local community; (2) give them opportunity to study their academics in the context of experience sites (a community business where students learn with assistance from one or more employees); and (3) help them become more responsible and mature and able to begin developing a conscious and consistent set of values. Implementation of the EBCE program will be based on the model developed by the Northwest Regional Educational Laboratory. Western Nevada Community College (WNCC) will administer the program in cooperation with three rural Nevada county school districts. The three high schools will make facilities available for project students which will be staffed by personnel from the College's comprehensive learning centers in each county. Project directors will maintain liaison with the school districts, with the Northwest Regional Educational Laboratory for orientation, training, and technical assistance, and with an advisory committee on community needs; select and supervise project staff in program development and administration; coordinate program contacts with employers, parents, participating school districts, and governmental agencies; and assist in selection of students and coordination of their activities. This program will provide an alternative to the traditional program for obtaining an accredited high school diploma.

CP000033 $347,701 Miller

Project EXCEL (Experience-Based Career Education Learning Program).

PROJECT DIRECTOR: Fernandez, Edward
ORGANIZATION: Las Cruces School District, N. Mex.
ADDRESS: 301 West Amador, Las Cruces, NM 88001. (505) 526-3341
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Mexico Congressional District Number 2
GRANT: OEG-06-76-00965
PROJECT: 498AH80048
FY76-$115,844 09-Sep-76 TO 08-Sep-77;
FY77-$116,013 09-Sep-77 TO 08-Sep-78;
FY78-$115,844 09-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Career Exploration, Cooperative Education, Cooperative Planning, Graduation Requirements, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of this project is to link the instructional program to the knowledge needed for success on the job by combining a basic academic program (social studies, language, math, and science) with exploratory opportunities in the world of work. Working with a wide spectrum of students from differing academic abilities and socioeconomic groups who have lost interest in traditional school programs, the project staff will divide its time between assisting students to meet high school requirements for graduation and helping them gain knowledge in the world of work through varied exploratory experience in different occupations in the private and public sector and within the school system. The project population will be drawn from the eleventh and twelfth grades of two Las Cruces high schools. Students will be referred by their counselors or principals and will be allowed to participate in the program with parental consent. Thirty students will be enrolled the first year, sixty the second, and seventy-five the third. It is anticipated that this project will result in reduction in the level of youth unemployment, creation of a bridge between school and earning a living, promotion of cooperation between public education and manpower agencies, and broadening of the occupational aspirations and opportunities of youth.

CP000034 $338,348 Dodrill

Project CLETE: Career Learning and Education Through Experience.

PROJECT DIRECTOR: Erath, Marion
ORGANIZATION: High Point Public Schools, N.C.
ADDRESS: P.O. Box 789, High Point, NC 27261. (919(887-3712
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Carolina Congressional District Number 6
GRANT: OEG-04-77-03002
PROJECT: 498AH80031
FY77-$169,174 01-Jul-77 TO 30-Jun-78;
FY78-$169,174 01-Jul-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: July 1, 1977 - June 30, 1980.
DESCRIPTORS: *Educational Alternatives, Individualized Instruction, School Community Programs, Secondary Education, *Vocational Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to demonstrate an exemplary alternative, traditional vocational education model to present an effective new way to create a bridge between formal school and the world of work for students unable or unwilling to adjust through traditional educational approaches. The High Point Public School System will replicate and demonstrate the Experience-Based Career Education (EBCE) model developed by Research for Better Schools, Inc. Instructional activities will be planned for each student within one or two contexts of career development, career exploration, or career specialization. Career awareness and a general understanding of work settings and the economic system will be the foci of exploration courses to be held at community resource sites. Instruction and facilities for exploration and specialization will be provided by community participants with assistance from the school staff. Group guidance sessions will be held and an academic resource center will provide individualized instruction to students. The project is designed to broaden the occupational aspirations and opportunities for all students. It will focus attention on the elimination of sex-role stereotyping and the reduction of the high level of youth unemployment.

CP000035 $322,939 Miller

Career Education: Planning, Learning, Understanding, Succeeding.

PROJECT DIRECTOR: Tuchscherer, Jerry
ORGANIZATION: North Dakota State Board for Vocational Education, Bismarck.
ADDRESS: 900 East Blvd., Bismarck, ND 58505. (701) 224-2288
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Dakota Congressional District Number 1
GRANT: OEG-08-76-00113
PROJECT: 498AH80033
FY76-$105,011 01-Sep-76 TO 31-Aug-77;
FY77-$108,961 01-Sep-77 TO 31-Aug-78;
FY78-$108,967 01-Sep-78 TO 31-Aug-79

DESCRIPTORS: *Career Education, Cluster Grouping, Individualized Programs, *School Community Relationship
IDENTIFIERS: *Experience Based Career Education

Project objectives are to enhance students' self-development, civic responsibility, and economic awareness; help bridge the gap between school and earning a living and provide more occupational opportunities for growth, in order to reduce the level of youth unemployment; and acquaint students with occupational choices in their community along with the education needed to take advantage of those choices. An in-school cluster system of career education will be integrated into an Experience-Based Career Education (EBCE) plan permitting students the option of having a combination of in-school learning opportunities about the broader community environment and the option to cycle out into that environment for short periods of time for exploration and career skill development activities. For the latter (initially, about thirty students), learning strategies include (1) career explorations (three- to five-day student encounters with the people and job tasks related to occupations that interest them at community sites); (2) individualized, problem-centered projects to help blend learning objectives from the Life Skills, Basic Skills, and Career Development curriculum areas in activities performed largely at community sites of their choice; and (3) opportunities to return for longer and more in-depth exploration and skill development at workplaces in the community. Administrative tasks include development and utilization of community and employer site resources and training of employers as supporting staff for the program. A third-party evaluation is also included in the administrative plan. The final product will be a workable plan for implementation of similar programs statewide in districts of various sizes. The plan would be disseminated by state staff.

CP000036 **$714,808** **Thiel**

Six Demonstration Programs for Career Exploration Through EBCE.

PROJECT DIRECTOR: Ford, Jack D.
ORGANIZATION: Ohio State Dept. of Education, Columbus. Div. of Vocational Education.
ADDRESS: 65 S. Front Street, Columbus, OH 43215. (614) 466-5718
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 12
GRANT: OEG-05-76-00216
PROJECT: 498AH80050
FY76-$237,600 01-Oct-76 TO 30-Sep-77;
FY77-$238,604 01-Oct-77 TO 30-Sep-78;
FY78-$238,604 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Exploration, *Individualized Programs, *Inservice Programs, *School Community Programs, Secondary Education
IDENTIFIERS: *Experience Based Career Education

To provide the additional assistance needed in the "Career Education Continuum in Ohio" at grades 9-10 for career exploration to receive full implementation, the Experience-Based Career Education (EBCE) program will assist to (1) identify and recruit community resources, (2) organize information about community resources and schedule exploration experiences, (3) train community resource site staff, (4) provide the teaching staff an organized plan and instructional experiences for individual students, and (5) provide the counseling staff with a career clarification program and materials for helping students with job analysis and exploration selection. Six Ohio local school districts (Akron, Dayton, Minford, Kirtland, Boardman, and Lorain) will implement the EBCE program developed by Research for Better Schools, Inc. in Philadelphia. Each district will adapt the model to its present needs in relationship to the state program. Common elements of all programs, which will be monitored and evaluated by staff at the Ohio State Department of Education, include: exploration at community resource sites, specialization opportunity, site-analysis techniques, and inservice training of community participants. The six participating districts will involve a total of 7,900 students in career exploration activities. Outstanding practices resulting from the project will be shared with the twenty-six other local education agencies to assist in providing inservice and local planning for future implementation and expansion of career education in Ohio.

CP000037 **$457,723** **Miller**

Experience-Based Career Education in Cooperative Vocational Education and Work Experience.

PROJECT DIRECTOR: Kerr, Sam W.
ORGANIZATION: Moore-Norman Area Vocational-Technical School, Okla.
ADDRESS: 4701 N.W. 12th Avenue, Norman, OK 73069. (405) 364-5763
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 4
GRANT: OEG-06-76-00968
PROJECT: 498AH80083
FY76-$123,636 15-Sep-76 TO 14-Sep-77;
FY77-$175,909 15-Sep-77 TO 14-Sep-78;
FY78-$158,178 15-Sep-78 TO 31-Aug-79
DESCRIPTORS: Academically Handicapped, *Career Education, *Cooperative Education, Disadvantaged Youth, Handicapped Students, Occupational Guidance, Postsecondary Education, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Objectives of the project are to (1) create bridges between school and earning a living for young people who are still in school, who have left school by graduating or dropping out, or who are in postsecondary programs of vocational education; (2) broaden occupational aspirations and opportunities for youths with special emphasis on those who have academic, socioeconomic, and other handicaps; (3) reduce youth unemployment; (4) reduce the dropout rate of secondary students; and (5) promote cooperation between public education and manpower agencies. Strategies developed by the Appalachia Educational Laboratory (AEL) for Experience-Based Career Education (EBCE) will be used to develop and implement a program in which students will earn credit for onsite career exploration in various occupational areas. Initially, staff trained by AEL will obtain parent and community involvement, recruit and enroll students, and identify and analyze job experience sites in the community. Eleventh and twelfth grade students will be involved in career exploration experiences both at a job site and with the learning coordinator a minimum average of fifteen hours per week. AEL strategies to be used include site analysis techniques, employer orientation and recruitment techniques, and individual student learning plans with behaviorally-stated objectives for student experience-based exploration and cooperative education. A third-party evaluation will be conducted by an Oklahoma teacher training institution. Once in full operation, the program will serve about 150 students per year. As a result of the project, groundwork will be laid to network and institutionalize the EBCE program throughout the state.

CP000038 $371,206 Thiel

Experience-Based Career Education.

PROJECT DIRECTOR: Gallo, Vincent A.
ORGANIZATION: Jackson County Intermediate Education District, Medford, Oreg.
ADDRESS: 17 West 4th Street, Medford, OR 97501 (503) 776-8598
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oregon Congressional District Number 4
GRANT: OEG-10-76-00077
PROJECT: 498AH80070
FY76-$115,354 17-Sep-76 TO 16-Sep-77;
FY77-$127,926 17-Sep-77 TO 16-Sep-78;
FY78-$127,926 17-Sep-78 TO 16-Sep-79
DESCRIPTORS: *Career Education, Educational Alternatives, Graduation Requirements, Individualized Programs, Models, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The project will be a comprehensive alternative to the regular high school program for eleventh and twelfth grade students, offering credits which fulfill all requirements for graduation. In comparison to students in the regular program, students in the project are expected to (1) achieve a higher level of knowledge and understanding of relationships between their academic, career, and interpersonal skills and their ultimate success in careers; (2) develop in basic academic skills areas; (3) have a significantly lower dropout rate; and (4) develop a more positive self-concept and view learning more positively. Jackson County Intermediate Education District will replicate the Experience-Based Career Education program in Tigard, Oregon. The program will serve all eight secondary schools in Jackson County (150 of the 736 eleventh and twelfth graders during the three-year period) using a facility located in a downtown shopping center office building. Special individual learning programs will be designed, developing and utilizing vocational training sites within the business community and public sector, so that experiential learning will occur through interaction of students and adults in a normal working environment. A third-party evaluation will focus on cost benefits and student academic and vocational progress. Anticipated end products are a model learning center, non-sex stereotyped methods and materials, learning sites, community support for education, and evaluation information. The long range expected result is an increase in the level of youth employment and broadening of occupational aspirations through broader exposure to career options.

CP000039 $308,778 Dodrill

Experience-Based Career Education in Harrisburg.

PROJECT DIRECTOR: Steger, Gerald
ORGANIZATION: Harrisburg School District, Pa.
ADDRESS: 2451 Market Street, Harrisburg, PA 17103 (717) 255-2617
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Pennsylvania Congressional District Number 17
GRANT: OEG-03-76-00225
PROJECT: 498AH80086
FY76-$100,000 01-Oct-76 TO 30-Sep-77;
FY77-$104,387 01-Oct-77 TO 30-Sep-78;
FY78-$104,391 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Development, *Career Education, *Educational Alternatives, Handicapped Students, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to (1) reduce the continuing high level of youth unemployment; (2) create a bridge between school and earning a living; (3) broaden occupational aspirations and opportunities for young people, emphasizing services for the handicapped; and (4) foster more productive cooperation among the school district, the community at large, the business and industrial communities, and the Pennsylvania State Department of Education. Based on the Experience-Based Career Education (EBCE) model designed and developed at the Appalachia Educational Laboratory, the District will provide high school juniors and seniors academic credit for successful completion of an alternative high school program that includes individualized career exploration experiences of one to thirteen weeks each at three or more job sites in the community. Job site experience at one of four levels (observation, hands-on with no prerequisite skills, hands-on with prerequisites, and instruction) will be integrated with curriculum content of the academic subjects for developing career decision-making, academic, and job-related skills along with those needed for family, community, and political roles. After the first phase of planning, staff training, experience site analysis, and student recruitment, forty students will be involved in the program at Harrisburg High School in the first year and 120 in the second year. Educational Research and Development Associates will be the third-party evaluator. By the third year the program will be functioning as a demonstration site with the Pennsylvania State Department of Education performing most of the outreach and dissemination activities for creating a statewide network of fifteen EBCE district programs by 1980.

CP000040 $415,171 Dodrill

Building Experience-Based Career Education.

PROJECT DIRECTOR: Davis, George
ORGANIZATION: Philadelphia School District, Pa. Div. of Career Education.
ADDRESS: 734 Schuylkill Avenue, Philadelphia, PA 19146. (215) 365-5053
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Pennsylvania Congressional District Number 1
GRANT: OEG-03-76-00230
PROJECT: 498AH80081
FY76-$135,467 01-Oct-76 TO 30-Sep-77;
FY77-$139,854 01-Oct-77 TO 30-Sep-78;
FY78-$139,850 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, Educational Alternatives, Graduation Requirements, *Individualized Programs, Secondary Education, *Urban Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to make career education, as well as related academic and life skills, available to every secondary student, and demonstrate the adaptability of three Experience-Based Career Education (EBCE) models (as developed by the Far West Regional Education Laboratory, the Northwest Regional Educational Laboratory, and Research for Better Schools) to the needs of the students of the School District of Philadelphia. Three demonstration programs will be developed from these models, a different program in each of three comprehensive, inner-city schools. At the outset, the program will involve 360 students (120 per school) with yearly increases projected both within and beyond the course of this project. Each laboratory will provide the staff development and supportive services necessary to implement the single program for which it is responsible. These include staff development, resource recruitment, instructional strategies and materials, and evaluation. A computerized management system will be utilized to coordinate the resources of the business and industrial community with individual student needs for career exploration. Each participating student will re-

ceive credit toward a standard high school diploma by successful completion of career education projects within the community; be actively involved with adults within their normal working environments; and proceed through an individualized learning plan based upon education requirements, individual aspirations, and career goals. A central staff training capability will be created for the implementation of additional programs involving all twenty-three comprehensive high schools in Philadelphia over a seven-year period.

CP000041 $436,698 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Harrington, Jacqueline
ORGANIZATION: Rhode Island State Dept. of Education, Providence. Div. of Vocational-Technical Education.
ADDRESS: Hayes Street, Providence, RI 02908. (401) 277-2691
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Rhode Island Congressional District Number 1
GRANT: OEG-03-76-00052
PROJECT: 498AH80078
FY76-$139,264 17-Sep-76 TO 16-Sep-77;
FY77-$148,717 17-Sep-77 TO 16-Sep-78;
FY78-$148,717 17-Sep-78 TO 16-Sep-79
DESCRIPTORS: *Career Education, Secondary Education, Skill Development, *Student Development
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to give high school students who have not yet made career decisions the opportunity to explore a wide range of jobs, job environments, and job responsibilities while completing required academic work. Objectives for student participation in the program are increased career skills in both cognitive and affective domains, increased self awareness skills, and more relevant basic skill development. Based on the Experience-Based Career Education (EBCE) model developed by Research for Better Schools, Inc. (RBS), the program will be conducted out of two of the state's area vocational facilities. Nine sending communities encompassed in the areas served by the two facilities will participate. During the first year two teachers and two counselors from each of the sending high schools, along with two resource coordinators and two curriculum developers hired by the program, will be trained by RBS in how to implement the model. Each sending high school will operate the career guidance and academic components at its own site, and the community-based career development component will operate out of the area facilities. Staff will be trained to develop employer job sites for student learning experiences and to integrate academic and counseling components with those experiences. The 150 juniors involved in the first year will be doubled in the second year with 300 juniors and seniors served in the third year and thereafter. Participating schools will be prepared to provide EBCE instruction to other staff members. Positive outcomes will be replicated in other Rhode Island areas.

CP000042 $409,032 Dodrill

Experience-Based Career Education.

PROJECT DIRECTOR: Badenoch, Alice
ORGANIZATION: Greenville County School District, Greenville, S.C.
ADDRESS: P.O. Box 2848, Greenville, SC 29602. (803) 288-5863
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: South Carolina Congressional District Number 4
GRANT: OEG-04-76-03004
PROJECT: 498AH80077
FY76-$130,000 20-Sep-76 TO 19-Sep-77;
FY77-$141,243 20-Sep-77 TO 19-Sep-78;
FY78-$137,789 20-Sep-78 TO 30-Sep-79
DESCRIPTORS: *Career Exploration, Curriculum Development, Individual Instruction, Inservice Teacher Education, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Objectives of the project are to increase student achievement in basic skills and in knowledge of careers, and improve attitudes toward learning environments and toward self; develop lines of communication between Mann High School and business communities, agencies, and other community resources; and develop career education curriculum for each of several clusters of occupations. J. L. Mann High School will be the site for implementing the Research for Better Schools Experience-Based Career Education (EBCE) model, which has three components: career development, career guidance, and academic resource center (individualized instruction in English, economics, and mathematics). The first semester will be devoted to recruitment and analysis of community clusters; inservice training of teachers, counselors, and onsite supervisors; selection and scheduling of students (thirty-six tenth and eleventh graders); and curriculum development for community sites and for the academic resource center. Students will spend two half days in exploratory experiences onsite and the remainder of those days in required or elected courses. On the other three days they will be in the EBCE resource classroom for two hours of individualized instruction in English, economics, and math. Each student will be assigned to a group guidance period twice a week and an individual counseling conference every four weeks. During the second year seventy-two students will participate in the program, 100 students during the third year. Program results will be disseminated to other schools in Greenville County and to the South Carolina Department of Education.

CP000043 $325,683 Miller

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.

PROJECT DIRECTOR: Carlson, Clayton
ORGANIZATION: Watertown Independent School District 14-4, S. Dak.
ADDRESS: 200 Ninth Street, N.E., Watertown, SD 57201. (605) 886-3977
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: South Dakota Congressional District Number 1
GRANT: OEG-08-76-00114
PROJECT: 498AH80037
FY76-$106,725 01-Sep-76 TO 31-Aug-77;
FY77-$109,479 01-Sep-77 TO 31-Aug-78;
FY78-$109,479 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Career Education, *Individualized Programs, Models, *Occupational Choice, *School Community Relationship, Skill Development
IDENTIFIERS: *Experience Based Career Education

Project objectives are to provide community-based career experiences to young people who have left high school either by graduation or by dropping out and who wish to explore careers through onsite/community experiences designed to facilitate their decision to enter education or training programs or specific work situations; and to help the community and the schools become partners in meeting individual student needs.

Sixty students will be involved in a project which resembles the Community Experience in Career Education program of Experience-Based Career Education (EBCE) in Tigard, Oregon. Site recruitment materials and techniques developed by the Northwest Regional Educational Laboratory will be used to arrange working relationships with area employers and provide them with staff support, program information, skill development, and contact with each other needed to guide, negotiate with, instruct, and evaluate students. Individualized student learning plans will be negotiated between students, staff, and employer instructors. Students will spend fifteen to twenty hours a week exploring careers on job sites and learning about occupations within a cluster framework while refining career selection skills. Individual programs for improving basic academic skills will be coordinated with job site experiences. Students who wish to further develop employable skills in a particular job may arrange for special placement with an employer. A wholly or partially transportable EBCE model will be available for the use and participation of other vocational-technical schools or by private nonprofit schools.

CP000044 $438,778 Dodrill

Demonstration of Experience-Based Career Education in Memphis, Tennessee.

PROJECT DIRECTOR: Campbell, Daniel H.
ORGANIZATION: Memphis City School System, Tenn. Div. of Vocational Education.
ADDRESS: 2597 Avery Street, Memphis, TN 38112. (901) 948-0391
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Tennessee Congressional District Number 8
GRANT: OEG-04-76-03005
PROJECT: 498AH80051
FY76-$136,298 13-Sep-76 TO 12-Sep-77;
FY77-$151,240 13-Sep-77 TO 12-Sep-78;
FY78-$151,240 13-Sep-78 TO 12-Sep-79
DESCRIPTORS: Career Exploration, *Career Opportunities, *Cooperative Education, Job Placement, Occupational Guidance, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to provide students with expanded onsite opportunities to explore various related career areas before they select a career specialization area of training. Specific objectives are to provide a total educational system, preparing students either for placement in immediate employment or further education, and help create student awareness of the relationship between careers and the other correlated subjects in the school curriculum. Site analysis techniques, employer orientation and recruitment techniques, and the individual student learning plans of the Research for Better Schools Experience-Based Career Education (EBCE) program will be implemented at Hamilton High School where 120 students will be directly involved each year. Program components include (1) Career Development Orientation in which tenth graders select from fifteen occupational clusters those which they want to explore in once-a-week, five-hour sessions which allow for involvement with participating community resources; (2) Career Experience Component in which eleventh and twelfth graders receive specialization experiences and/or job training in a cooperative work experience program in a local business; and (3) Career Placement Component which includes integration of career information and job readiness material into the regular curriculum and placement of vocational seniors in areas of their training. The project will expand and modify existing cooperative education programs so they can better meet the needs of the students and the community. This implementation and demonstration of EBCE will be a prototype or model for other school systems.

CP000045 $761,975 Miller

San Antonio Experience-Based Career Education Project.

PROJECT DIRECTOR: Lafferty, Bill R.
ORGANIZATION: Education Service Center Region 20, San Antonio, Tex.
ADDRESS: 1550 NE Loop 410, San Antonio, TX 78209. (512) 828-3551
ORG TYPE: State/Local Education Agency
GEOGRAPHIC LOCATION: Texas Congressional District Number 21
GRANT: OEG-06-76-00967
PROJECT: 498AH80085
FY76-$239,545 15-Sep-76 TO 14-Sep-77;
FY77-$242,685 15-Sep-77 TO 14-Sep-78;
FY78-$279,745 15-Sep-78 TO 14-Sep-79
DESCRIPTORS: *Career Education, *Individualized Programs, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Project goals are: demonstration of an Experience-Based Career Education (EBCE) program in the bicultural Southwest; increased student development of basic academic skills, life skills, personal and functional competencies, and career development; and development of closer educational ties between the community employer sites and the formal educational institutions of the community. The Education Service Center will coordinate the efforts of two San Antonio school districts (Harlandale and South San Antonio), various community resources, the Northwest Regional Educational Laboratory (which developed the program model), and Research for Better Schools, Inc. (which will conduct the third-party evaluation). Students will be selected from four participating high schools: forty in the first year, eighty in the second, and 120 in the third. Working from an individualized learning plan developed with their learning managers, students will earn diploma credits by (1) completing ten life skills learning projects and five career explorations (two to three weeks each); (2) being certified in twelve functional competencies; (3) visiting ten career awareness community sites (business, industry, government, military, professional, arts, services, etc.); and (4) demonstrating basic academic skills. Each district will maintain a learning center for student and staff headquarters but will share the same community resource sites and employer-instructors. The Education Service Center will coordinate dissemination activities for extending the EBCE model to other school districts throughout the State of Texas.

CP000046 $354,280 Miller

Experience-Based Career Education Project.

PROJECT DIRECTOR: Johnson, Thera
ORGANIZATION: Weber County School District, Ogden, Utah. Div. of Vocational Education.
ADDRESS: 1122 Washington Blvd., Ogden, UT 84404. (801) 394-6661
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Utah Congressional District Number 1
GRANT: OEG-08-76-00115
PROJECT: 498AH80029
FY76-$120,462 01-Sep-76 TO 31-Aug-77;
FY77-$116,909 01-Sep-77 TO 31-Aug-78;
FY78-$116,909 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Career Development, *Career Education, Group Guidance, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The program goal is to provide for significant and continuing improvement in the career development and experiential learning opportunities of high school stu-

dents in areas of career information, decision-making skills, and academic proficiency at a feasible cost to the public. Research for Better Schools, Inc. educational laboratory will be contracted to supply program planning assistance and materials and support services, including staff training workshops and technical assistance for evaluation and dissemination of the Experience-Based Career Education (EBCE) project. The program will center in two school districts and be implemented in four high schools with sixty students participating in the first year, 325 by the third, and 475 by the fifth. In the Career Development Component, shared by the two districts, personnel and facilities outside the school will be utilized in the development and operation of programs which include a series of career exploration minicourses held at community resource sites, each organized around related career areas and including group and individual activities and independent study projects for further exploration or skill development in a particular career area. Each high school will implement onsite the Academic Resource Center Component (involving individualized instruction in English and mathematics) and the Career Guidance Component, which provides for student career development through a program of group guidance instruction. The program will be an exemplary EBCE project in the state of Utah, serving as a demonstration model which may be replicated in other geographic locations in the state.

CP000047 $477,404 Dodrill

Prince William County Experience-Based Career Education Project.

PROJECT DIRECTOR: Clark, Kent
ORGANIZATION: Prince William County Schools, Manassas, Va.
ADDRESS: P.O. Box 389, Manassas, VA 22110. (703) 791-3111
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Virginia Congressional District Number 8
GRANT: OEG-03-76-00227
PROJECT: 498AH80074
FY76-$148,790 01-Oct-76 TO 30-Sep-77;
FY77-$164,307 01-Oct-77 TO 30-Sep-78;
FY78-$164,307 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, Educational Alternatives, Individualized Curriculum, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

Objectives of the project are to adapt and implement Experience-Based Career Education (EBCE) Community Experiences for Career Education following closely the model in operation in Tigard, Oregon, and develop in program students an increased sense of personal worth and self-confidence in integrating knowledge of a variety of careers with the acquisition of cognitive, interpersonal, and affective skills through participation in a series of planned school and community experiences with identified outcomes. Students from two high schools will be involved at two learning resource sites in the county in an instructional program with three components: basic skills, life skills, and career explorations. Approximately fifty percent of the student's time will be spent using community resources for career explorations and certification in such competencies as using credit, balancing bank accounts, etc. Learning is implemented through student projects, exchange of a student journal with the instructor, individualized materials in basic skills, and observation and training at job sites. During the first semester, staff will be selected and trained and will organize instructional materials, develop the school learning center, recruit students, and develop employer sites and other community resources. An advisory council will be created to suggest and review procedures, and Research for Better Schools, Inc. will conduct a third-party evaluation. A total of 120 students will be involved by the third year. The project will provide a distinctively new program that will substantially bridge the education/career gap and provide a viable alternative to students who are not benefiting from existing programs.

CP000048 $279,229 Thiel

Bellevue's Experience-Based Career Education Program.

PROJECT DIRECTOR: Schulz, James G.
ORGANIZATION: Bellevue Public School District 405, Wash.
ADDRESS: 310 102nd Avenue, N.W., Bellevue, WA 98004. (206) 455-6074
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Washington Congressional District Number 1
GRANT: OEG-10-77-0001
PROJECT: 502AH60110
FY77-$129,150 15-Jan-77 TO 14-Jan-78;
FY78-$150,079 15-Jan-78 TO 14-Jan-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 15, 1977 - January 14, 1980.
DESCRIPTORS: *Career Education, *Cluster Grouping, *Individualized Programs, *School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The project objectives are to provide students with an increased opportunity to develop self and career understanding through use of a wide variety of community resources and use of strategies, methods, and techniques developed by the Northwest Regional Educational Laboratory Experience-Based Career Education (EBCE) project so they can be used with an in-school clustering system to provide students with exploration and initial skill activities with which to build more complex skills. Fifty high school students in grades 10, 11, and 12 will participate in a planned, individualized program designed to increase understanding of themselves and the educational and occupational opportunities in the community. The students will engage in frequent self assessment and will develop personalized learning plans with the aid of a certificated staff member. Organizations representing a broad community spectrum will be recruited to provide learning sites at which students will observe and participate in planned learning activities for a portion of their school time. Students who wish may investigate several occupational clusters in this manner. Students, who will always have the option of negotiating a program change, will earn credits for a career development course in relation to the quality and quantity of their work. Additional credit may be earned through special project work on an individualized or contract basis negotiated by the student and a staff member. This project will demonstrate how strategies, methods, and techniques developed for an experience-based career education pilot project can be adapted for use with in-school occupational clusters. Through integrating the EBCE program with the existing high school program and involving present staff members, the project will become highly visible. A planned program of information sharing and visitation days will permit other agencies to understand and emulate the program.

CP000049 $427,866 Thiel

Highline District's Vocational Exploratory and Preparatory Program.

PROJECT DIRECTOR: Yormark, Ben A.
ORGANIZATION: Highline Public Schools, Seattle, Wash. Div. of Instructional Career Development.
ADDRESS: 15675 Ambaum Blvd., S.W., Seattle, WA 98166. (206) 433-2366
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational

and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Washington Congressional District Number 7
GRANT: OEG-10-76-00073
PROJECT: 498AH80067
FY76-$132,000 08-Sep-76 TO 07-Sep-77;
FY77-$151,710 08-Sep-77 TO 07-Sep-78;
FY78-$144,156 08-Sep-78 TO 07-Sep-79
DESCRIPTORS: *Career Education, *Career Opportunities, Cluster Grouping, *Occupational Choice, Occupational Guidance, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The project will be directed toward improvement of the vocational education program at the senior high level by (1) bridging the gap between vocational education and the world of work; (2) bridging the gap between vocational guidance and vocational training, (3) improving the placement rate of graduates of vocational programs, and (4) meeting the needs of individual students. When the program is in full operation 300 students will be involved in a vocational exploration and preparation program representing a major adaptation of the Experience-Based Career Education (EBCE) learning strategies developed by the Northwest Regional Educational Laboratory. These will be incorporated into a school-based cluster arrangement which allows students opportunities to examine their own interests and abilities as they relate to employment opportunities, explore the variety of career opportunities available to them, and become involved in preparatory experiences which will qualify them for these employment opportunities. Administrative procedures will focus on development of business-industry linkages; inservice orientation of project staff and community representatives; student recruitment, records, health and safety, and placement and follow-up; special needs affirmative action; budgetary control; facilities; transportation; community relations; dissemination; and third-party evaluation. Management procedures and instructional materials developed will enable school administrators in other districts to initiate similar programs, and instructional programs implemented through this project shall become an integral part of the vocational education program within the Highline School District.

CP000050 **$365,892** **Dodrill**

An Experience-Based Career Education Program.

PROJECT DIRECTOR: Groves, David
ORGANIZATION: Cabell County Vocational Center, Huntington, W.Va.
ADDRESS: 2800 5th Avenue, Huntington, WV 25702. (304) 529-2447
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: West Virginia Congressional District Number 4
GRANT: OEG-03-76-00228
PROJECT: 498AH80080
FY76-$122,338 01-Oct-76 TO 30-Sep-77;
FY77-$121,777 01-Oct-77 TO 30-Sep-78;
FY78-$121,777 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Career Education, *Educational Alternatives, *Individualized Instruction, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The primary purpose of the project is to demonstrate Experience-Based Career Education (EBCE) as an alternative school program for tenth grade students based on the model developed by the Appalachia Educational Laboratory (AEL). Objectives focus on experiential learning in the community, individualized instruction and learning, and integrated learning of academic, career, and life role skills to bridge the gap between school and work. Employers, the community, and manpower agencies will have an integral part in planning and conducting the program. Operative and consultative assistance will be provided by a local advisory committee, AEL personnel, the West Virginia State Bureau of Vocational, Technical and Adult Education, and a third-party evaluator. Twenty participants and alternates will be selected from a list of potential students at four high schools in the county. Instead of attending the regular high school program, they will survey job sites in the community; choose the places and jobs of interest to them; and spend a period of time working at many job sites of their career preference. By working with the student on an individual basis, specially trained teachers will turn job experiences into academic experiences, and these into earned high school credits. In the second and third years, fifty work experience sites, twenty students, and a learning coordinator will be added each year. Results of the project will demonstrate to other school districts that the AEL version of EBCE is transportable and is a viable alternative educational program. Interaction of the program with the community will foster a more positive relationship between the schools and industry.

CP000051 **$489,960** **Thiel**

Demonstration of NIE's Experience-Based Career Education Program.

PROJECT DIRECTOR: Nelson, Ronald
ORGANIZATION: Fond du Lac School District, Wis.
ADDRESS: 161 East 1st Street, Fond du Lac, WI 54935. (414) 921-2440
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Wisconsin Congressional District Number 6
GRANT: OEG-05-76-00213
PROJECT: 498AH80053
FY76-$159,740 15-Sep-76 TO 14-Sep-77;
FY77-$170,269 15-Sep-77 TO 14-Sep-78;
FY78-$159,951 15-Sep-78 TO 14-Sep-79
DESCRIPTORS: *Career Development, *Career Education, *Educational Alternatives, Individualized Programs, School Community Cooperation, Secondary Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to demonstrate an exemplary program in vocational education based on the Appalachia Educational Laboratory (AEL) model for Experience-Based Career Education (EBCE), an alternative secondary school program combining academic learning with career preparation for high school juniors and seniors. About sixty students will be involved in an individualized learning program involving first-hand experiences in places where people are employed to produce goods and services. Students will perform nonpaying work tasks as well as observe adults in their work environment. Activities in the work place, four days a week, will be organized jointly by the student and a learning coordinator during the fifth day to yield academic, career, interpersonal, and occupational skills. A variety of work styles will be selected to provide exploration experiences in many career fields. An organization structure composed of school and community representatives will render advisory assistance, and the staff will receive training at AEL and use materials and procedures included in the model to develop and implement the program. The Center for Vocational, Technical, and Adult Education at the University of Wisconsin will conduct a third-party evaluation. After the first year the Fond du Lac project staff will provide demonstration/training/technical assistance to high schools in the North Central States who plan to use the EBCE instructional delivery system.

CP000052 $309,141 Miller

Planning for Change Through Career Education.

PROJECT DIRECTOR: Elliott, Michael J.
ORGANIZATION: Wyoming State Dept. of Education, Cheyenne. Div. of Instructional Services.
ADDRESS: Hathaway Building, Cheyenne, WY 82002. (307) 777-7411
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Wyoming Congressional District At Large
GRANT: OEG-08-76-00116
PROJECT: 498AH80034
FY76-$99,805 01-Sep-76 TO 31-Aug-77;
FY77-$104,868 01-Sep-77 TO 31-Aug-78;
FY78-$104,468 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Career Education, Information Dissemination, Program Development, Program Evaluation, *Program Improvement, *State Departments of Education
IDENTIFIERS: *Experience Based Career Education, *Local Education Association (LEA)

The purpose of the project is to provide local education agencies (LEAs) with the means, resources, and processes for effective incremental improvement of their ongoing career education efforts with the adoption-/adaption of the National Institute of Education's Experience-Based Career Education (EBCE) model. The Wyoming State Department of Education will (1) provide assistance to four LEAs in the final preparation of individual management tasks for the first-year implementation plan; (2) provide assistance to the four LEAs in the development of their own unique delivery systems (processes, techniques, materials) for implementing and sustaining EBCE; (3) determine the appropriate EBCE incremental staff implementation needs of the four LEAs through a continuous process of staff individual needs assessment and monitoring; (4) provide other agencies with information about dissemination services available from the state department regarding EBCE demonstration sites in cooperation with the University of Wyoming and Project WINS (Wyoming Innovative Network Schools); and (5) utilize evaluation procedures that generate data necessary to provide corrective feedback to key components of the state assistance process. Successful aspects of the EBCE project will be systematically disseminated and will be integrated into all existing state plans and state curricula areas.

CP000053 $6,997 Thiel

Exemplary Demonstration Project in Cooperative Education.

PROJECT DIRECTOR: Benioni, Patoa
ORGANIZATION: American Samoa Community Coll., Pago Pago.
ADDRESS: P.O. Box 2609, Pago Pago, American Samoa 96799.
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: American Samoa Congressional District At Large
GRANT: OEG-09-76-00180
PROJECT: 498AH80087
FY76-$2,332 01-Sep-76 TO 31-Aug-77;
FY77-$2,333 01-Sep-77 TO 31-Aug-78;
FY78-$2,332 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Cooperative Education, Curriculum Development, *On the Job Training, Post Secondary Education, Secondary Education, *Vocational Education
IDENTIFIERS: *Experience Based Career Education

Project objectives are to provide opportunity for secondary and postsecondary students in the territory of American Samoa to have on-the-job experiences in a work setting and provide instruction relating to saleable skills through cooperative arrangement between the college and local employers. Job stations will be identified in the private and government sectors where students will work part-time in areas of their educational major. Agreements between the employers and the American Samoa Community College will be signed to assure that the students will receive occupational training related to their school. The cooperative education coordinator will make periodic visits to the employers to evaluate the students' performance. Grades will be determined by the reports given by the supervisors at the training stations. The program coordinator will be responsible for conducting evaluation and reporting procedures. About 150 students will be involved in the program over the three-year period. Changes in the curriculum content at the secondary and postsecondary levels will be made to reflect current job needs and requirements.

CP000054 $18,237 Thiel

Community-Based Building Maintenance Mechanics Training.

PROJECT DIRECTOR: Rask, Michael L.
ORGANIZATION: Guam Dept. of Education, Agana. Div. of Career and Occupational Education.
ADDRESS: P.O. Box DE, Agana, Guam 96910.
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Guam Congressional District At Large
GRANT: OEG-09-76-00181
PROJECT: 498AH80068
FY76-$6,079 01-Sep-76 TO 31-Aug-77;
FY77-$6,079 01-Sep-77 TO 31-Aug-78;
FY78-$6,079 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: Buildings, Machine Repairmen, *Maintenance, *Trade and Industrial Education
IDENTIFIERS: *Building Maintenance Mechanics Program (BMMP), *Experience Based Career Education

Objectives of the project are to provide students enrolled in the newly implemented Building Maintenance Mechanics Program (BMMP) with adequate experiences relating to commercial structure maintenance so that, upon the completion of the two-year course of study (in-class and community-based), they will be able to transfer smoothly into the Cooperative Work Experience Program for the completion of their training, and to test the feasibility of providing mobility for vocational programs so that students can experience the diversity of building maintenance in a realistic setting. A project serving forty-eight secondary school juniors in the BMMP will be developed and conducted utilizing as training sites various Government of Guam agencies whose facilities represent most structural models. Arrangement will be made with businesses on Guam to utilize their buildings on a limited basis when they have a unique maintenance component. The program will be assisted by a community advisory committee under the direction of the administration of Guam Vocational-Technical High School. A third-party evaluation will be conducted. The project will result in an evaluation of the effectiveness of basing vocational education, prior to paid work experience, on a combined classroom and community program, and a model for other Pacific Basic Educational Systems which are interested in implementing a BMMP relevant to their particular construction materials and techniques.

CP000055 $439,700 Dodrill

Establishment of an Experience-Based Career Education Program in Puerto Rico.

PROJECT DIRECTOR: Rivera de Agostini, Ileana
ORGANIZATION: Puerto Rico State Dept. of Education, Hato Rey.
ADDRESS: Hato Rey, PR 00919. (809) 754-1100
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Puerto Rico Congressional District At Large
GRANT: OEG-02-77-00031
PROJECT: 498AH80072
FY77-$220,043 01-Jul-77 TO 30-Jun-78;
FY78-$219,657 01-Jul-78 TO 30-Jun-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: July 1, 1977-June 30, 1980.
DESCRIPTORS: *Career Development, *Career Education, *Disadvantaged Youth, *Program Improvement, School Community Cooperation, Secondary Education, *Urban Education
IDENTIFIERS: *Experience Based Career Education

The purpose of the project is to implement a model of an Experience-Based Career Education (EBCE) program which will provide high school students with significant and continuing improvement in the career development and experiential learning opportunities, as well as to reduce the gap between school and community. The program will have a three-year duration and will be developed in three phases: installation, stabilization, and demonstration. The project will use three interrelated parts of the Research for Better Schools, Inc. (RBS) model: career development, career guidance, and academic resource center. Project staff will develop resources and materials to initiate projects for students. An Experience-Based Career Education program will be implemented in the Ramon Power High School, located in a socially, economically, and educationally disadvantaged area of the San Juan metropolitan area. Technical assistance from RBS will be sought for model implementation. As a result of the project, students will have acquired skills which will enable them to enter the world of work or to continue college or technical education. Cooperative involvement will increase awareness and understanding of EBCE by school and community participants and contribute to development of participant competencies to develop and operate the program.

FY 1978 Projects

CP000056 $162,536 Hamilton

Field Testing Vocational Education Curriculum Specialist Materials.

PROJECT DIRECTOR: Hamilton, Jack
ORGANIZATION: American Institutes for Research, Palo Alto, Calif.
ADDRESS: P.O. Box 1113, Palo Alto, CA 94302. (415) 493-3500
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: California Congressional District Number 9
CONTRACT: OEC-300-78-0562
PROJECT: 498AH80008
FY78-$162,536 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-September 30, 1981.
DESCRIPTORS: Advisory Committees, *Curriculum Development, *Curriculum Evaluation, Information Dissemination, Learning Modules, Publicize, *Teacher Education Curriculum, Workshops

The purposes of this proposed three-year project are to evaluate the effectiveness of learning with vocational education curriculum specialist (VECS) materials previously developed; to identify and develop procedures for module implementation in teacher education activities in universities, community colleges, and state and local education agencies; and to promote and implement the use of VECS materials. Phase I is concerned with the assessment of the existing VECS modules produced by American Institutes for Research and Washington State University (Pullman), their revision or combination based on the assessment, and the preparation for a field test of the revised materials. Project staff will work closely with vocational educators who have used the materials, potential users of the materials, and an advisory panel of vocational education experts. Procedures are to (1) review the VECS materials, (2) prepare a report of the findings and the proposed treatment of the material in the field test, (3) plan and conduct a project familiarization program, (4) solicit interest from potential field test sites, (5) design a field test of VECS materials sufficient to meet Joint Dissemination Review Panel (JDRP) standards, (6) prepare and reproduce materials for the field test, and (7) prepare field test instrumentation and secure OMB forms clearance. Procedures for Phase II include conducting the field test; synthesizing the findings; revising the modules; printing and disseminating the revised modules to 300 participants in the diffusion workshops, at the consultations, at national conferences, and to commissioners of higher education and directors of vocational education in each state; and designing and preparing a field test for the revised VECS materials with an evaluation design and data analysis plan. Tasks for Phase III include preparing an informative promotional publication, planning and conducting four workshops and follow-up consultations to introduce revised materials to potential users, and preparing the final technical report of the project. Products include 1,000 final revised modules, an informative promotional publication, a project newsletter, and journal articles.

CP000057 $198,534 Gunderson

Bilingual Vocational Education Instructor Competencies.

PROJECT DIRECTOR: Brady, Mary Ella
ORGANIZATION: Kirschner (E. J.) and Associates, Washington, D.C.
ADDRESS: 1100 17th Street, N.W., Washington, DC 20036. (202) 862-9400
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: District of Columbia
CONTRACT: OEC-300-78-0588
PROJECT: 498AH0041
FY78-$198,534 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 30, 1980.
DESCRIPTORS: *Bilingual Education, *Bilingual Teachers, Criterion Referenced Tests, English (Second Language), Faculty Development, Literature Reviews, *Performance Based Teacher Education, Publications, State Departments of Education, Workshops

The objectives of this project are to (1) develop "A Monograph for Bilingual Vocational Instructor Competencies" for trainers of instructors for bilingual vocational training programs; (2) develop a list of minimum competencies required by bilingual vocational training instructors who train persons of limited English-speaking ability in job skills and in working in English language environments; (3) construct a criterion referenced test, to be administered individually on a pretest and posttest basis; (4) design and conduct four geographically dispersed information workshops for appropriate state agency personnel and other potential users, providing them with an understanding of bilingual vocational

training, instructor training needs, and the uses of the test and of test results; and (5) make the monograph available to the public. In developing the monograph, project staff will establish an advisory panel and enlist the assistance of research and measurement specialists to review literature, identify and validate minimum competencies needed by bilingual vocational training instructors, develop criterion-referenced test items to measure the achievement of the competencies, implement a field study of the tests, revise the forms, administer criterion referenced tests, and select the final competencies. The project will reproduce 200 copies of the monograph for training educational personnel responsible for planning and operating programs to train bilingual vocational instructors.

CP000058 $277,931 Brawner

Vocational Needs for Women Offenders.

PROJECT DIRECTOR: Jenkins, Elaine B.
ORGANIZATION: One America, Inc., Washington, D. C.
ADDRESS: 1625 Eye Street, N.W., Suite 719, Washington, DC 20006. (202) 628-2216
ORG TYPE: Small Business
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: District of Columbia Congressional District Number 0
CONTRACT: OEC-300-78-0506
PROJECT: 498AH80014
FY78-$277,931 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 31, 1980.
DESCRIPTORS: *Correctional Education, Corrective Institutions, Data Analysis, Demonstration Programs, *Females, *Prisoners, Program Effectiveness, Questionnaires, *Surveys, Workshops

This project will review the vocational program for women offenders within state and community-based correctional systems, and identify and document successful vocational training programs. Preliminary tasks are to define the target populations, disseminate information about the project, develop a library of materials and names of resource and contact persons, and identify available data sources. The procedures are to (1) develop criteria for selecting a sample of state institutions, (2) design an instrument to assess the employment-related personal characteristics of women offenders, (3) prepare a justification package for the surveying of correctional institutions and the inmate questionnaire for the Office of Budget and Management, (4) develop criteria for defining successful vocational programs, (5) prepare for a computer analysis of the inmate questionnaires and institutional surveys, (6) conduct site visits at a maximum of nine correctional institutions, (7) analyze data and prepare a draft report presenting findings, (8) prepare a draft monograph of existing and alternative models of vocational training programs, (9) conduct four regional workshops to create an awareness of the exemplary approach to vocational training programs and to review comments on the monograph, and (10) revise, print, and distribute the monograph. The project will provide data on the effectiveness of those programs which seek to provide for the economic re-entry of the woman offender.

CP000059 $271,848 Manchak

Study of Vocational Education Research and Development Systems and Utilization of Products.

PROJECT DIRECTOR: Oppenheim, Norman J.
ORGANIZATION: Network of Innovative Schools, Inc., Andover, Mass.
ADDRESS: 290 South Main Street, Andover, MA 01810. (617) 470-1080
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Massachusetts Congressional District Number 5
CONTRACT: OEC-300-78-0589
PROJECT: 498AH80016
FY78-$271,848 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-March 30, 1980.
DESCRIPTORS: *Design, *Information Dissemination, *Information Networks, *Interagency Cooperation, Interagency Coordination, Interviews, *Networks, *Research Utilization, Seminars, Workshops

This project seeks to design a national vocational education dissemination and utilization network that will facilitate the use of R & D products; help users to implement, install, adopt, or interpret R & D knowledge; and link users with various resource persons in the problem-solving process. Major tasks are (1) development of requirements, criteria, and standards for a national vocational education dissemination and utilization network, (2) descriptive analysis of existing network linkages, (3) development of a draft of future network design, (4) refinement of the network design, (5) development of a final monograph on future network design and an implementation plan, (6) public information and dissemination, and (7) project documentation. The task will be performed in collaboration with the subcontractor, the College of Public Affairs of the American University. To initiate interaction among researchers, policy makers, and educational planners, the project will use three groups of external contributors. These contributors include a group of ten theorists who comprise a national design panel, a group of influential persons who have participated in the evaluation of dissemination and utilization activities in vocational education, and various vocational education constituents from the regional and state levels who benefit from coordination of research and practice. Involvement with these groups will be classified in terms of conceptual interaction, empirical testing of theories, and educative seminars and workshops (for exchanging and reacting to new concepts). The national design panel will review and critique project deliverables. The group of national influentials (to include, among others, representatives from the Subcommittee on Education and Labor of the U.S. House of Representatives, the National Center for Research in Vocational Education, the National Institute of Education, and a State Advisory Council on Vocational Education) will be interviewed as part of the national-level field work to provide information on the effectiveness of existing dissemination systems and data to complete the descriptive analysis, and to identify other national and state-level influentials. The third group will consist of regional and state-level persons and agencies designated as users, linkers, and sources.

CP000060 $268,417 Hamilton

Marketing and Distribution Cluster - Phase 2.

PROJECT DIRECTOR: Regal, Mary Lewis
ORGANIZATION: Contract Research Corp. Education and Human Development, Inc., Belmont, Mass.
ADDRESS: 26 Brighton Street, Belmont, MA 02178. (617) 489-3150
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Massachusetts Congressional District Number 11
CONTRACT: OEC-300-78-0409
PROJECT: 498AH80010
FY78-$268,417 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period:

October 1, 1978 - September 30, 1981.
DESCRIPTORS: Advisory Committees, *Curriculum Development, *Distributive Education, Field Studies, *Marketing, Occupational Clusters, *Performance Based Education, Publicize, Resource Guides, *Teaching Guides, Workshops

The purpose of this curriculum development project is to develop, test, and diffuse instructional guides for the marketing and distribution subclusters included in distributive education. The procedures of Phase II of this four-phase project consist of completion of a verified and updated taxonomy of competencies of the twenty-one subclusters in marketing and distribution identified in Phase I, development of twenty-one competency-based teacher resource guides, and development of a field test plan. The activities are as follows: (1) assemble advisory panel to provide technical assistance; (2) develop broad content outlines for two new subclusters of entrepreneurship and business services marketing; (3) create a product or service technology category for twenty-one subclusters; (4) verify competencies of the broad content outlines by conducting a verification workshop where selected individuals will determine if an outline is appropriate for the subcluster and the recommended level, has been checked for accurate importance ratings, is reflective of real employer expectation, and is up-to-date; (5) develop draft of resource guides following a similar format with the five major categories of competencies; (6) design a field test of the resource guides; and (7) finalize resource guides and field test plan for submission to the Office of Education for assessment. In Phase III, the project will field test, revise, and print the resource guides; prepare an organizational manual that will provide teachers with a unified perspective for integrating the use of the guide into the established vocational curricula; and plan dissemination activities. Phase IV will consist of four major dissemination activities: development of an audiovisual presentation, development of a promotional flyer, conduct of four regional workshops, and the development of a promotion and distribution plan for use by USOE.

CP000061 $150,632 Pritchard

Individual Educational Plans for Handicapped Students in Vocational Education.

PROJECT DIRECTOR: von Hippel, Caren
ORGANIZATION: Contract Research Corp. Education and Human Development, Inc., Belmont, Mass.
ADDRESS: 26 Brighton Street, Belmont, MA 02178. (617) 489-3150
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Massachusetts Congressional District Number 8
CONTRACT: OEC-300-78-0590
PROJECT: 498AH80017
FY78-$150,632 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: Adult Education, Advisory Committees, *Handicapped, *Individualized Programs, Literature Reviews, Out of School Youth, Post Secondary Education, *Professional Training, *Program Guides, Secondary Education, State Supervisors

The objective of this three-year project is to develop the tools (a user's guide and training package) that vocational educators need to develop individual educational plans (IEPs) for handicapped students and to train state level personnel in their use for vocational education, special education, vocational rehabilitation, guidance and counseling, and CETA programs. In the first year, the project will establish an advisory panel; review the literature; and identify, establish criteria for, and assess procedures for developing, implementing, monitoring, and evaluating the IEP approach in vocational education for handicapped students. Procedures for the second year will be to convene the advisory panel, develop outlines for the user's guide and accompanying training package, design instrumentation for and develop a field test plan, field test IEP program development and implementation with the user's guide, and finalize the user's guide and training package. In the third year, the project will develop a training plan, select participants and sites for about ten workshops nationwide, conduct training workshops to prepare the state teams that will train local IEP teams, analyze the workshops, and disseminate the user's guides and training packages.

CP000062 $236,235 Anderson

Media Presentations on Mainstreaming the Handicapped.

PROJECT DIRECTOR: Smith, Roger
ORGANIZATION: WGBH-TV, Boston, Mass.
ADDRESS: 125 Western Avenue, Boston, MA 02134. (617) 787-2544
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Massachusetts Congressional District Number 11
CONTRACT: OEC-300-78-0584
PROJECT: 498AH80040
FY78-$236,235 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - September 30, 1980.
DESCRIPTORS: *Changing Attitudes, *Film Production, Guides, *Handicapped Students, Information Dissemination, Instructional Materials, *Mainstreaming, Post Secondary Education, *Publicize, Public Television, Secondary Education, Vocational Education Teachers

This program will accelerate opportunities for the handicapped by helping to change public attitudes toward handicapped persons and by encouraging educators to take necessary constructive action. The project proposes to (1) plan and produce two half-hour films showing handicapped persons at the secondary and postsecondary vocational education levels in ways most beneficial to educational professionals and the community they represent; (2) plan, produce, and print illustrated books, complementary to the films, detailing exemplary programs for the handicapped and describing them clearly enough to promote adaptation to other settings; (3) plan, produce, and print literature supplementary to the films, comprising an informational brochure and a promotional flyer; and (4) reach a wide public by offering the films to PBS for national public television distribution, promoting the broadcast and dissemination of the films and printed materials, and participating in the national conventions of concerned professional and community organizations. To accomplish these goals, the project will develop and disseminate each film and its accompanying materials in a separate phase, Phase II varying from Phase I only in content. In Phase I, WGBH will convene an advisory committee three times to review current literature; plan and produce the film; plan and produce 18,000 copies of a brochure to introduce the film and assist school administrators, board members, and vocational staff in recognizing how the film can be specifically and generally helpful to their efforts; produce 5,000 copies of the promotional flyers; seek to disseminate the film through PBS distribution to 200 member stations; and develop a comprehensive national promotion campaign. This project will produce two films, two books, and supplementary literature for a broad general audience comprising educational administrators and staff, handicapped people themselves, parents, non-handicapped peers, and the community-at-large that will affect public attitudes toward mainstreaming handicapped persons.

CP000063 $130,100 Wilson

Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education.

PROJECT DIRECTOR: Mohrenweiser, Gary A.
ORGANIZATION: Educational Management Services, Inc., Minneapolis, Minn.
ADDRESS: 4510 West 77th Street, Suite 150, Minneapolis, MN 55435. (612) 831-1819
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Minnesota Congressional District Number 3
CONTRACT: OEC-300-78-0524
PROJECT: 498AH80012
FY78-$130,100 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 30, 1980.
DESCRIPTORS: *Cost Effectiveness, Data Analysis, Data Collection, *Methods, Models, *National Surveys, Post Secondary Education, *Program Costs, Secondary Education
IDENTIFIERS: Differential Cost

The purpose of this project is to document an operational plan to determine the full time equivalent (FTE) cost of vocational education at the secondary and postsecondary levels within the framework of a modified model developed by the Institute for Educational Finance (IEF). The main objectives are to (1) review in detail added costing models and methodology and develop data collection procedures; (2) determine data availability from local and state agencies; (3) develop a modification to the IEF model allowing for the removal of handicapped costs prior to calculation of basic costs; (4) develop, with assistance from the participating state and local agencies, a data collection procedure that will identify direct and indirect FTE costs for various vocational courses and programs at the school, institution, and state levels; (5) cooperatively involve the participating state and local agencies in the design, field testing, and review of the data collection procedures, forms, and procedures for calculating; (6) field test the data collection procedure in a variety of situations at a minimum of nine sites for institutions with diverse programs and data bases; and (7) fully document the procedures, including sampling design, forms, estimated resources requirements, and time demands. The result of this project will be a cost analysis methodology which could be economically applied by local, state, and federal agencies to determine vocational education added costs.

CP000064 $149,376 Hamilton

Credentialing Women's Life Experiences.

PROJECT DIRECTOR: Ekstrom, Ruth
ORGANIZATION: Educational Testing Service, Princeton, N.J.
ADDRESS: Rosedale Road, Princeton, NJ 08541. (609) 921-9000, Ext. 2308
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Jersey Congressional District Number 5
CONTRACT: OEC-300-78-0594
PROJECT: 498AH80006
FY78-$149,376 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - September 30, 1981.
DESCRIPTORS: Advanced Placement, Advisory Committees, Apprenticeships, *Credits, Data Collection, Employment Opportunities, *Experiential Learning, Homemaking Skills, Job Training, On the Job Training, State of the Art Reviews, Surveys, *Womens Education, Working Women
IDENTIFIERS: *Transferable Skills

The purpose of this three-phase project is to develop a system that will assess and accredit women's life experiences for entry into employment and entry or advanced placement in vocational education. Phase I objectives include (1) determining the state-of-the-art in establishing the transferability of women's life experiences to employment and to completion of requirements for vocational education programs; (2) establishing an advisory committee including individuals representing Alliance for Displaced Homemakers, Council for the Advancement of Experiential Learning, and the National Advisory Council on Women's Programs to review collected data and project plans and materials; (3) developing and administering an inventory of women's life experiences to determine the most common types of job-relevant life experiences and to collect data on women's employment, on-the-job training, parenting, homemaking, volunteer work, and continuing education experiences; (4) identifying and analyzing competencies derived from the results of the inventory to determine the transferability of the experiences to requirements for twenty selected occupations and for admission to vocational programs; and (5) developing and field testing a system that will encourage and assist employers and educational institutions to consider the career-relevance of women's life experiences. The field test will place 100 women, who are high school graduates, have been homemakers for the predominant part of their adult lives, and have a need to enter the work force, in ten occupations using on-the-job training or apprenticeships and will place 200 women in vocational education programs for training in ten different occupations. Phase II of the project will evaluate the results of the field test to determine how successful the participants have been in their occupational or educational placements. In Phase III, the competency analysis will be revised on the basis of the field test results, and a description of the system and instructions for its use will be published.

CP000065 $180,524 DiCola

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.

PROJECT DIRECTOR: Wasdyke, Raymond G.
ORGANIZATION: Educational Testing Service, Princeton, N.J.
ADDRESS: Rosedale Road, Princeton, NJ 08541. (609) 921-9000, Ext. 3243
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Jersey Congressional District Number 14
CONTRACT: OEC-300-78-0595
PROJECT: 498AH80047
FY78-$180,524 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: Advisory Committees, Audiovisual Aids, *Educational Coordination, *Enrollment, *Information Dissemination, *Private Schools, Program Coordination, *Public Education, School Districts, State Departments of Education, *Vocational Education, Workshops

To increase the participation in publicly funded vocational education programs by students enrolled in nonprofit private schools, this project will develop and disseminate procedures that can be used by state education agencies (SEAs) and local education agencies (LEAs) to ensure greater access to vocational education programs. Specific objectives are to (1) identify significant factors that facilitate access to vocational education programs by nonprofit private school students, (2) develop and field test procedures the SEAs can implement to assure these students' accessibility to vocational programs, and (3) disseminate this information and associated published materials to a wide audience of

persons at the state level involved in the administration of vocational education programs. A literature review focusing on the extent and nature of the cooperative relationships between private schools and public education agencies will be conducted to identify the state of the art and current practices relative to accessibility. Project staff will contact SEAs and LEAs to identify and review the programs and procedures used to improve access of students in nonprofit private schools to publicly supported vocational education programs. Significant factors will also be identified through discussions with the LEAs on current policies and procedures affecting accessibility, factors impeding and enhancing private school student participation, and ways in which SEAs can assist LEAs in increasing access. An audiovisual presentation will be developed to orient SEAs, LEAs, and nonprofit private school educators to the use of the various procedures. The project will also develop supporting materials including case studies, simulations, and work exercises to provide "hands-on" training to SEA personnel in the effective use of the procedures and sound/slide presentation. Regional workshops will be conducted to familiarize SEAs with the requirements and benefits regarding nonprofit private school students' access to public vocational education; disseminate the procedures, sound/slide presentation, and supporting materials to the SEAs for use in instructing local educators in the requirements and benefits of the Vocational Education Amendments of 1976; and provide the SEAs with the clinical opportunities to apply these materials to their unique situations. Internal and external evaluations of the project's effectiveness will be conducted by four management systems within the project, an advisory committee, and feedback from SEAs and LEAs.

CP000066 $202,914 Wilson

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.

PROJECT DIRECTOR: Rice, Eric
ORGANIZATION: System Sciences, Inc., Chapel Hill, N.C.
ADDRESS: 121 South Estes Drive, P.O. Box 2345, Chapel Hill, NC 27514. (919) 929-7116
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Carolina Congressional District Number 2
CONTRACT: OEC-300-78-0592
PROJECT: 498AH80005
FY78-$202,914 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-March 31, 1980.
DESCRIPTORS: Advisory Committees, *Educational Planning, *Facilities, Guidelines, *Handicapped, *Handicapped Students, Information Dissemination, Instructional Materials, *Manuals, School Districts, State Departments of Education, Technical Assistance, *Vocational Education

The specific objectives of the project are to (1) develop, test, and validate a comprehensive, unified planning process for improving the accessibility to vocational education programs and facilities for handicapped persons at the local education agency (LEA) level, a process which will assist those agencies in dealing effectively with both real (objective) and perceived (subjective) barriers; (2) develop materials on the planning process including a media presentation for orienting local administrators and vocational educators, a training package for state agency personnel to use in conducting workshops at the LEA level, and an instructional handbook for use as a guide to the local implementation of the planning process; (3) disseminate the materials to state education agencies (SEAs) for appropriate utilization by LEAs; (4) assist the U.S. Office of Education in providing technical assistance to the states by developing guidelines for working with (SEAs); and (5) develop and implement an evaluation process which will provide follow-up data on short-term and long-term project outcomes. Procedures for Phase I will be to establish and convene a Technical Advisory Group; develop procedures for identifying barriers, alternatives for their removal, and respective comparative costs; develop guidelines for planning for removal of barriers; develop an integrated planning process; plan and conduct a field test; modify the planning process; develop a finalized integrated process of barrier identification, alternatives and guidelines for barrier removal, and cost estimation guide; and develop an evaluation process. Phase II will develop a sound/slide presentation, develop LEA and SEA training packages, plan and conduct LEA and SEA field tests, and modify and revise both training programs. Phase III will develop a dissemination plan; plan, implement, and evaluate regional workshops; develop U.S. Office of Education technical assistance guidelines; develop and implement long-term evaluation; and prepare and submit final reports and summaries. The primary outcome of the project will be improvement in accessibility to programs and facilities with over 150 state education agency personnel throughout the country better prepared to provide technical assistance and training to local education agency personnel in serving handicapped students.

CP000067 $224,959 DiCola

Assessment of Quality Vocational Education in State Prisons.

PROJECT DIRECTOR: Rice, Eric
ORGANIZATION: System Sciences, Inc., Chapel Hill, N.C.
ADDRESS: P.O. Box 2345, Chapel Hill, NC 27514. (919) 929-7116
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Carolina Congressional District Number 2
CONTRACT: OEC-300-78-0593
PROJECT: 498AH80030
FY78-$224,959 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 31, 1980.
DESCRIPTORS: Conferences, *Correctional Education, *Corrective Institutions, *Educational Assessment, Employment Opportunities, Information Dissemination, *Program Effectiveness, *Recidivism

This project will produce a packaged comprehensive data base about quality vocational education programs in correctional institutions and a method for data collection and analysis applicable to other studies addressing the training or support service programs provided to incarcerated individuals. It will identify, analyze, describe, and disseminate information about the critical variables, methods, strategies, and procedures that lead to reducing recidivism and increasing post-release employment in vocational education programs in state prisons. Specific objectives for the study include (1)defining, both operationally and quantitatively, program success in terms of relatively lower rates of recidivism and relatively higher rates of post-release employment; (2) distinguishing between the more effective and less effective programs nationwide; (3) analyzing the selected programs to determine the relative impact of critical variables and the relationship of program elements to each other and to reducing recidivism and increasing post-release employment; and (4) planning, conducting, and evaluating regional dissemination sessions for state officials and administrators. Procedures will include establishing and convening a technical advisory group, developing definitions and criteria for checking programs, identifying potential programs, developing instruments for the twenty-seven verification site visits and the in-depth site analyses, training site-visit person-

nel, planning and conducting site visits, analyzing data and preparing dissemination information and visual aids for the conferences, and planning and conducting the regional dissemination conferences.

CP000068 $225,927 Wilson

Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.

PROJECT DIRECTOR: Drewes, Donald W.
ORGANIZATION: Conserva, Inc., Raleigh, N.C.
ADDRESS: 401 Oberlin Road, Suite 112, Raleigh, NC 27605. (919) 832-7717
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Carolina Congressional District Number 4
CONTRACT: OEC-300-78-0583
PROJECT: 498AH80004
FY78-$225,927 01-Oct-78 TO 30-Mar-79
NOTE: Project funding period: October 1, 1978 - March 30, 1980.
DESCRIPTORS: Advisory Committees, Educational Development, Evaluation Criteria, Guidelines, Information Dissemination, Job Training, *Program Coordination, *School Industry Relationship, State of the Art Reviews, Technical Assistance, Workshops, *Youth Employment
IDENTIFIERS: YEDPA, *Youth Employment and Demonstration Projects Act

The goal of this project is to identify, describe, and analyze exemplary mechanisms for facilitating coordination of vocational education and eligible prime sponsors under the Youth Employment and Demonstration Project Act (YEDPA) of 1977 and to disseminate the results to a nationwide audience. Project activities will be guided by the following objectives: (1) identify potentially exemplary coordinating mechanisms through nominations from knowledgeable sources and a comprehensive literature review; (2) screen nominations on the basis of existent programmatic information to select those that appear most promising; (3) visit selected program sites to verify existent information and to observe first-hand those processes associated with the genesis and evolution of exemplary coordinating efforts; (4) analyze in depth the collected programmatic data to determine those variables that contribute to successful coordinating ventures; (5) plan, conduct, and evaluate two regional workshops to convey the results of the study and to train participants to provide technical assistance in their respective states; and (6) prepare and generally disseminate guidelines for the implementation of effective mechanisms for facilitating coordination of vocational education and YEDPA programs and services. A Technical Advisory Group will be established to assist in developing standards for assessing the exemplary quality of coordinating mechanisms, identify the mechanisms to be assessed, and review project results and disseminating materials. Formative and summative evaluations will be obtained from technical consultants' assessments, project officer review, Technical Advisory Group critiques, and empirical evaluations. Completion of this study will result in a comprehensive data base which will increase awareness of the potential for integrative action to facilitate the transition from school to work, knowledge that should have a direct impact on increasing the incidence of innovative approaches to resolving the employment problems of youth, and the promotion of institutional change through direct technical assistance.

CP000069 $245,042 Wilson

State Planning for Delivery of Vocational Education to Special Populations.

PROJECT DIRECTOR: Drewes, Donald W.
ORGANIZATION: Conserva, Inc., Raleigh, N.C.
ADDRESS: 401 Oberlin Road, Suite 112, Raleigh, NC 27605. (919) 832-7717
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Carolina Congressional District Number 4
CONTRACT: OEC-300-78-0586
PROJECT: 498AH80021
FY78-$245,042 01-Oct-78 TO 31-Mar-80
DESCRIPTORS: Disadvantaged Groups, *Educational Planning, Educational Programs, Educational Strategies, Handicapped, Information Dissemination, Prisoners, *Special Programs, *Special Services, *State Departments of Education, State of the Art Reviews, *Statewide Planning, Workshops
IDENTIFIERS: *Special Needs Subpopulations

The major objectives of this project are to design and develop a comprehensive planning system which states can use to select planning strategies for providing vocational education services to special populations, train state personnel for the implementation of the system in each state, and provide for continued federal assistance to state planning efforts. The special populations include handicapped persons, disadvantaged persons, persons with limited English-speaking abilities, displaced homemakers, single heads of households who lack adequate job skills, homemakers who work part time but who seek full-time employment, those who seek employment in jobs not traditionally held by members of their sex, and inmates in correctional institutions. The major tasks for developing the planning system, which will be structured around revised Management Evaluation Review for Compliance-Quality (MERC-Q) planning instrumentation, are to (1) review the literature and produce a state-of-the-art report; (2) develop and integrate a set of procedures and alternative procedures for each of the MERC-Q planning components which state vocational education agencies (SVEAs) can use in providing vocational education services; (3) field test the system in Pennsylvania, South Carolina, and Texas and revise as necessary; (4) develop a dissemination plan which involves regional workshops, subsequent dissemination in each state by SVEA personnel trained at the workshops, and continuing technical assistance provided by the U.S. Office of Education; (5) develop a two-part slide-tape presentation and other supporting materials; (6) conduct and evaluate three regional workshops; (7) prepare final versions of the system and the supporting materials; and (8) classify the most frequently encountered difficulties in implementing the planning system according to system components and provide alternative strategies that the U.S. Office of Education might employ in assisting states to overcome those obstacles.

CP000070 $258,649 Pritchard

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.

PROJECT DIRECTOR: Drier, Harry N.
ORGANIZATION: Ohio State Univ., Columbus. Research Foundation.
ADDRESS: 1314 Kinnear Road, Columbus, OH 43212. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0581
PROJECT: 498AH80018

FY78-$258,649 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 31, 1980
DESCRIPTORS: *Federal Legislation, *Guidance Personnel, Guidance Programs, *Information Dissemination, Inservice Programs, Instructional Materials, *Manuals, *Staff Improvement, *State Legislation, Workshops

The purpose of this project is to facilitate improvement of comprehensive programs of career guidance in accordance with relevant provisions of the Education Amendments of 1976 and related federal and state legislation affecting guidance programming and delivery. To this end, the project will identify significant legislation, selected available resource materials, and the competencies required for relevant kinds of planning, management, operating, and evaluation personnel. Specific products that will result include (1) a pilot-tested handbook for training national, regional, state, and local guidance specialists; (2) a handbook describing the program; (3) an audiovisual presentation designed to aid guidance specialists in understanding legislation and supportive resources; and (4) a general audience brochure assessing project outcomes and recommendations for future action. The following workshops will be conducted, using the handbook and training materials, to capacitate over 300 guidance leaders nationwide to train other guidance personnel: a national workshop to train an initial cadre of trainers, four regional workshops at which the initial cadre will train additional teams, and a sufficient number of state-level workshops for the regional and national teams to prepare an average of two teams per state capable of extending similar training to local personnel. Following the distribution of the brochures, a national project dissemination conference will be held for members of decision-making groups for further legislative and legislation-responsive efforts.

CP000071 $231,990 Berndt

Armed Services Materials Conversion.

PROJECT DIRECTOR: Mink, Barbara
ORGANIZATION: Organization and Human Resources Development Associates, Inc., Austin, Tex.
ADDRESS: 1208 Somerset Avenue, Austin, TX 78753. (512) 451-3553
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 10
CONTRACT: OEC-300-78-0563
PROJECT: 498AH80007
FY78-$231,990 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-September 30, 1980.
DESCRIPTORS: Advisory Committees, *Armed Forces, *Curriculum Development, *Dental Assistants, Instructional Materials, Learning Modules, *Performance Based Education, *Physicians Assistants, Post Secondary Education, Publicize, Teaching Guides

The purposes of this project are to convert armed services dental and medical curriculum materials into separate curricula for dental and physician assistant, to develop a process which can be used as a guide for converting other armed services curriculum materials for civilian education use, and to develop promotional materials to facilitate the use of the curricula. Specific objectives for Phase I include (1) specifying competencies, objectives, sequences, materials, and format for at least ten modules for a dental assistant program and ten modules for a physician assistant program at the postsecondary level; (2) developing competency-based modules and user guidelines; (3) designing and initiating the validation procedure for the modules; (4) documenting the process of converting armed forces materials; and (5) initiating the development of media presentations to promote the objectives of the project. Phase II will validate and obtain final approval of materials developed in Phase I; develop media presentations; and publish and disseminate dental assistant and physician assistant curricula, the product development document, promotional pieces, and an audiovisual presentation. An advisory committee will plan and develop an initial draft of the module. Further procedures for developing each curriculum include revising, pilot testing, field testing, publishing, and disseminating the module, as well as conducting inservice training for field test administrators. The project will concurrently develop a teaching guide for the modules. The products of this project will be competency-based dental assistant and physician assistant curricula; an instructors' guide; a product development model to convert military curricula to postsecondary civilian curricula; an evaluation design for quantification, analysis, and interpretation of field test data; an audiovisual presentation; and two promotional documents.

CP000072 $499,455 Gunderson

Test of English Proficiency for Adults of Limited English Speaking Ability.

PROJECT DIRECTOR: Galvan, Mary; Ramey, Emmett; Gonzalez, Gustavo
ORGANIZATION: Resource Development Inst., Inc., Austin, Tex.
ADDRESS: 314 Highland Mall Blvd., Suite 450, Austin, TX 78752. (512) 454-5751
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 10
CONTRACT: OEC-300-78-0585
PROJECT: 498AH80011
FY78-$499,455 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Adults, American Indians, *Bilingual Education, Chinese Americans, *English (Second Language), *Language Proficiency, Language Skills, *Language Tests, Manuals, Mexican Americans, Post Secondary Education, Secondary Education, Test Validity

In an effort to meet the need for an oral English-language proficiency test geared to the youth or adult entering vocational training programs, this project proposes to develop a comprehensive vocational contextual basis for the adult participant in bilingual vocational training programs and produce a test with two equivalent forms to measure the participant's proficiency of language skills used in the English-speaking working environment. The test will be used to screen applicants for program eligibility, assess growth in language skills during training, and plan instruction to meet the specific student needs and capabilities. Language skills encompassing comprehension, accent, fluency, grammar, and vocabulary common to a variety of vocational fields will be determined and emphasized in the instruments. A conceptual framework of English language ability expanded and refined by a panel of consultants, advisors, and U.S. Office of Education representatives and a minimal level of language skills required for the occupational setting will be utilized in developing a list of objectives and test item specifications. From this list, criterion-based test items will be written and field tested with a group of present or prospective students in bilingual vocational training programs representing Puerto Rican, Mexican-American, Chinese, and American Indian groups. Based on the results of this field test, test items will be revised and assembled into a complete test, and a manual of procedures and directions for administering the tests will be developed. The complete test and procedures manual will be validated through an external review and two subsequent field tests conducted with recent vocational training program graduates and prospective vocational students representing Chinese, Puerto Rican, Mexican-American, and American Indian

populations. A final test package will then be prepared, published, and disseminated.

CP000073 $71,060 Tapman

Personnel Training Requirements to Serve Handicapped Populations.

PROJECT DIRECTOR: Pope, Billy; Kienast, Kay
ORGANIZATION: Educational Personnel Development Consortium D, Richardson, Tex.
ADDRESS: Box 1300, Richardson, TX 75080. (214) 231-6301
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 3
CONTRACT: OEC-300-78-0571
PROJECT: 498BH0019
FY78-$71,060 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for 1979.
DESCRIPTORS: Delivery Systems, *Handicapped Students, Inservice Teacher Education, *Instructional Staff, Needs Assessment, *Teacher Education, *Teacher Improvement

The purpose of this project is to improve the vocational instruction delivery system to meet the needs of handicapped individuals. Specific objectives are to (1) specify the staff competencies and knowledge needed to conduct vocational education instructional programs; (2) identify specific staff competencies and knowledge which would assist vocational educators in assuring that handicapped students have equal access to and opportunity in vocational education programs; (3) develop a discrepancy profile which identifies the unique competencies and knowledge needed by vocational education instructional staff in working with handicapped students; (4) conduct a personnel development needs assessment based on the discrepancy profile of unique competencies and knowledge needed; and (5) disseminate the results and products of the needs assessment survey. A data base for the professional improvement or preparation of vocational education instructional personnel which will result from the first four objectives may be used by vocational teacher educators to improve teacher education curriculum, by state boards for vocational education to develop and recommend models for comprehensive programs of vocational teacher education, and by personnel development staff to conduct inservice training activities for currently employed vocational instructors.

CP000074 $196,672 Berndt

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.

PROJECT DIRECTOR: Hull, Daniel M.
ORGANIZATION: Technical Education Research Center, Waco, Tex.
ADDRESS: 4201 Lake Shore Drive, Waco, TX 76710. (817) 772-8756
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 11
CONTRACT: OEC-300-78-0582
PROJECT: 498AH80015
FY78-$196,672 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: Advisory Committees, *Curriculum Development, Industrial Training, Instructional Materials, *Learning Modules, *Nuclear Physics, Post Secondary Education, Program Guides, *Technical Education, Workshops

The purpose of the project is to enable public postsecondary educational institutions and industry to prepare nuclear technicians to meet industry needs by completing the seventy-four educational modules for the Nuclear Technology Series and by providing the materials essential to implementation and maintenance of nuclear programs in postsecondary schools and industrial training centers. In so doing, the project will (1) convene an advisory group; (2) develop, review, and revise the modules and planning guides; (3) create awareness among school and industrial curriculum planners, administrators, and instructors of the Nuclear Technology Series through journal articles, presentations, correspondence, and descriptive program leaflets; (4) disseminate materials, including a sample of each module and planning guide developed and/or revised in the project, to forty-seven schools and seventy-eight nuclear facilities; and (5) develop and conduct a national workshop for more than 230 key individuals in educational policy- and decision-making roles. This project will complete the Nuclear Technology Series by producing seventy-four educational modules and four program planning guides for nuclear technician programs, specifically for radiation protection technician, nuclear instrumentation and control technician, nuclear quality-assurance/quality-control technician, and nuclear materials processing technician; along with descriptive program leaflets and brochures.

CP000075 $177,128 Berndt

Curriculum for Energy Use and Conservation Technicians Phase I.

PROJECT DIRECTOR: Hull, Daniel M.
ORGANIZATION: Technical Education Research Center, Waco, Tex.
ADDRESS: 4201 Lake Shore Drive, Waco TX 76710. (817) 772-8756
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 11
CONTRACT: OEC-300-78-0551
PROJECT: 498AH80027
FY78-$177,128 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-September 30, 1981.
DESCRIPTORS: Advisory Committees, *Curriculum Development, Employment Trends, *Energy Conservation, *Environmental Technicians, *Learning Modules, Post Secondary Education, Program Guides, State of the Art Reviews, Workshops

The purpose of this project is to train the technicians and skilled personnel required to plan, design, develop, install, operate, maintain, and service systems that improve the efficiency of energy use and result in conservation measures. In so doing, the project will develop, test, and promote modular curriculum materials for interdisciplinary use and develop a plan for installing technical programs for energy technicians. Tasks for Phase I will be to (1) determine the current and projected need for technicians, the state of the art of curriculum materials, and the status of technical training programs; (2) determine and perform the required curriculum development activities, convening an advisory committee to provide expert data; (3) develop technical teaching and learning modules for the first-year curriculum; (4) secure critical reviews of the first-year course modules in order to revise the curriculum; and (5) design a detailed field test plan including workshops for instructional staffs of the institutions serving as field test sites. Phase II will field test the first-year technical courses at six postsecondary vocational and technical schools and revise the courses accordingly; develop the technical teaching and learning modules for the second-year curriculum and revise them based on critical reviews; and develop a draft copy of a program planning guide for postsecondary educational institution training programs for energy technicians. In

Phase III the project will conduct field tests on second-year courses; revise the courses; and develop plans for and conduct four regional diffusion workshops nationwide, each near one of the schools selected for field testing the materials. During each phase, the project will plan and conduct a familiarization program primarily through publishing articles in trade journals, developing a leaflet, and presenting information at the regional workshops. Products of the project will be a nationally tested modularized curriculum for energy conservation technicians and a planning guide for implementing the program at the postsecondary level.

CP000076 $177,749 Perazzoli

Standards for Industrial Arts Education Programs.

PROJECT DIRECTOR: Dugger, William E. Jr.
ORGANIZATION: Virginia Polytechnic Inst. and State Univ., Blacksburg. Div. of Vocational-Technical Education.
ADDRESS: 368 Smyth Hall, Blacksburg, VA 24061. (703) 961-6480
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Virginia Congressional District Number 9
CONTRACT: OEC-300-78-0565
PROJECT: 498AH80061
FY78-$177,749 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *Academic Standards, Advisory Committees, Guides, *Industrial Arts, Industrial Arts Teachers, *Information Dissemination, Manuals, National Surveys, *Program Improvement, Publicize, *Student Organizations, Workshops

The objectives of this three-phase project are to develop a data base on industrial arts education programs and on industrial arts student organization activities as an integral part of the industrial arts instruction program, to develop a set of standards and related handbooks for insuring quality industrial arts education programs, and to publicize and demonstrate the standards. In Phase I, project staff will form an advisory committee to assist in (1) planning and conducting a survey of principals and guidance counselors in approximately 2500 public schools and of all state supervisors of industrial arts; (2) developing a review and dissemination plan for the information generated in all phases of the project, including two project newsletters for each year of the project sent to selected teachers, teacher educators, state supervisors, and local directors; and (3) tabulating and analyzing the results of the survey. Procedures for Phase II will include revising the preliminary survey report to prepare preliminary standards and a handbook for publication and producing the following promotional materials: a slide and tape, a thirty-minute color video tape, articles, and monographs. The project will review, revise, and validate the preliminary standards in Phase III through workshops associated with the American Vocational Association and American Industrial Arts Association conventions and ten regional workshops. It will print 1,000 revised sets of standards and handbooks and 13,000 brochures describing the report and handbook. The major benefits of this project will be the production of a widely disseminated handbook for teacher educators, teachers, and students for implementing and operating an industrial arts student organization; a manual for teacher educators, administrators, and teachers for implementing standards for quality programs; and promotional materials.

CP000077 $186,720 Dodrill

Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.

PROJECT DIRECTOR: Fleischman, Howard
ORGANIZATION: Development Associates, Inc., Arlington, Va.
ADDRESS: 2924 Columbia Pike, Arlington, VA 22204. (703) 979-0100
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Virginia Congressional District Number 10
CONTRACT: OEC-300-78-0574
PROJECT: 498AH80028
FY78-$186,720 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - March 31, 1980.
DESCRIPTORS: Advisory Committees, Case Studies (Education), *Demonstration Projects, *Evaluation Criteria, Evaluation Methods, Guides, Literature Reviews, Workshops
IDENTIFIERS: *Impact Evaluation

The purpose of this project is to develop materials and increase skills for improving and measuring the impact of vocational education demonstration projects at the federal, state, and local levels. The project will define and specify what will be considered as evidence that a demonstration project has resulted in improved teaching techniques or curriculum materials that have been used in a substantial number of classrooms or other learning situations; generate and recommend criteria for reviewing demonstration project applications or proposals that will recognize those which predict the ability of the applicant to achieve the desired result; and disseminate these products to curriculum coordination centers, state department of education personnel, and local education personnel. To achieve this, two advisory panels will be convened to (1) review the literature; (2) draft a monograph for improving and measuring the impact of vocational education demonstration projects for use by program planners, implementers, monitors, evaluators, and disseminators; (3) validate the monograph by using it to conduct case studies on current and previous federally administered and state administered vocational education demonstration projects; (4) revise the monograph based on results of the validation exercise; (5) use the revised monograph to conduct three geographically dispersed training workshops for federal, state, and local personnel charged with administering vocational education demonstration programs; and (6) make the monograph broadly available to the public.

CP000078 $220,774 Gunderson

Monograph for Bilingual Vocational Training Programs.

PROJECT DIRECTOR: Haupt, Robert
ORGANIZATION: Development Associates, Inc., Arlington, Va.
ADDRESS: 2924 Columbia Pike, Arlington, VA 22204. (703) 979-0100
ORG TYPE: Profit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Virginia Congressional District Number 10
CONTRACT: OEC-300-78-0269
PROJECT: 558AH80092
FY78-$220,774 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: Advisory Committees, *Bilingual Education, *English (Second Language), Information Dissemination, Inservice Programs, *Program Development, *Program Evaluation, *Program

Guides

The purpose of this project is to develop a monograph which will provide practitioners with practical information on designing, developing, implementing, and evaluating bilingual vocational training programs. Specific objectives are to provide information on (1) planning or replanning a bilingual vocational training (BVT) program, (2) the major characteristics and components of a BVT program, (3) developing and implementing a BVT program, and (4) evaluating a BVT program. The monograph will be divided into four sections, the first of which will include a list of 300 words that constitute a basic English vocabulary for bilingual vocational training. Careful research of existing work lists, surveys of selected experts, and solicited judgments of advisory group members will be used in compiling the list. The other sections will include information on ways of adapting ESL to vocational areas, ways to organize language and vocational components, and ways to evaluate the effectiveness of BVT projects. After the monograph is in final draft form, a series of four training sessions will be organized and implemented throughout the country to train 200 participants, including federal BVT officials, state program officials, and BVT project directors and evaluators, in the use of the monograph. The project will also arrange for publication and distribution of the monograph for three years.

CP000079 $279,038 Pritchard

Modifying Vocational Curriculum for the Handicapped.

PROJECT DIRECTOR: Tindall, Lloyd W.
ORGANIZATION: Wisconsin State Univ. System, Madison. Board of Regents.
ADDRESS: 750 University Avenue, Room 446, Madison, WI 53706. (608) 263-3415
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Wisconsin Congressional District Number 2
CONTRACT: OEC-300-78-0569
PROJECT: 498AH80042
FY78-$279,038 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978-May 31, 1980.
DESCRIPTORS: Advisory Committees, *Curriculum Development, *Guides, *Handicapped Students, Literature Reviews, *Manuals, State Supervisors, Teacher Education, Workshops

This project will develop a handbook for local vocational teachers and curriculum specialists for modifying existing vocational curriculum to suit handicapped individuals and will train state vocational instructional program supervisors and state vocational "special needs" supervisors to train those personnel to use the handbook. The major tasks are to (1) establish an advisory committee and use specialized consultants from agriculture, business, home economics, health, and trades and industry; (2) review, analyze, and interpret vocational literature in terms of needs and potential applications in vocational education; (3) develop a looseleaf handbook with material concerning the handicaps, principles and methods, and practical examples for interrelating handicapping conditions with major instructional areas of vocational education; (4) field test the part of the handbook pertaining to each major handicapping condition in at least one location other than a segregated special class and revise the handbook; (5) develop a training package on the handbook; (6) plan and conduct four regional workshops to train a team of state leadership personnel from each state, the District of Columbia, Puerto Rico, and outlying areas to train local education agency personnel; and (7) provide 600 copies of the handbook and the training package for distribution to designated educators.

Personnel Development

CP000080 $1,750,000 Perazzoli

Vocational Education Graduate Leadership Development Programs.

ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
FY78-$1,750,000 01-Aug-78 TO 31-Aug-79
DESCRIPTORS: *Graduate Study, *Leadership Training, Professional Education, *Vocational Education Teachers

Leadership Development Awards were granted to experienced vocational educators who enroll fulltime for a period not to exceed three years for graduate study in a vocational education leadership development program approved by the U.S. Office of Education. Individuals chosen for awards met the following requirements: (1) had not less than two years of experience in vocational education, or in business or industrial training, or military technical training, or in the case of researchers, experience in social science research which is applicable to vocational education; (2) held a baccalaureate degree; (3) were employed or had assurance of employment in vocational education; (4) were recommended for the leadership program by their employer or others; (5) were eligible for admission to an approved graduate program; and (6) planned to enroll for full-time graduate study. Each awardee received an annual stipend of $10,245, plus an additional dependency allowance. Eighteen institutions were approved to receive Leadership Development Program grants. The institutions are listed alphabetically by state in Appendix I. Also provided are the address, supervising teacher educator(s), grant and application numbers, Congressional district number, and number of awardees at each institution.

CP000081 $1,614,658 Tapman

Vocational Education Teacher Certification Fellowship Program

ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
FY78-$1,614,658 01-Aug-78 TO 01-Aug-79
DESCRIPTORS: *Fellowships, *Teacher Certification, *Teacher Education, Teacher Educators, Teacher Shortage, *Vocational Education Teachers

Two categories of persons were eligible for fellowships for study at colleges or universities for a period not to exceed two years. Applicants were certified teachers who were unable to find employment in their fields of previous training and had skills and experience in vocational fields for which there was a need for vocational teachers and for which they could be trained as teachers. Applicants were also persons in business, industry, or agriculture who had skills and experience in vocational fields for which there was a need for vocational teachers and had been accepted by a teacher training institution for enrollment in a program preparing vocational teachers. There are 187 fellows in the program in sixty-nine institutions in thirty states, counseled by ninety-four teacher educators. Each fellow receives $8,745 annually, including stipend, institutional allowance, and one dependency allowance. The institutions are listed alphabetically by state in Appendix II. Also provided are the names of the teacher educators, the grant number, Congressional district number, and number of awardees at each institution.

14

National Center for Research in Vocational Education

CP000082 $4,516,415 Manchak

The National Center for Research in Vocational Education

PROJECT DIRECTOR: Taylor, Robert E.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$4,516,415 16-Jan-78 TO 15-Jan-79
DESCRIPTORS: Advisory Committees, *Clearinghouses, *Educational Needs, *Evaluation, *Information Dissemination, Information Needs, *Leadership Training, *Research and Development Centers, *Research Utilization, *Technical Assistance

The National Center for Research in Vocational Education will impact on problems of national significance in vocational education. A national advisory committee and extensive interaction with the field will help maintain responsiveness to the needs of individuals and society. Comprehensive planning, responsiveness to special needs subpopulations, sex fairness, and effective evaluation are major goals for the six primary functions: (1) applied research and development to include four independent studies and four studies designated by the U.S. Office of Education; (2) leadership development to include an Advanced Study Center and a National Academy for Vocational Educators; (3) dissemination and utilization to include a national dissemination and utilization system for R & D information and products, special packages for selected occupational areas, study of the impact of R & D products, leadership activities for state and regional dissemination agencies, and state-of-the-art papers; (4) information for national planning and policy development to facilitate priority setting for vocational education needs, applied R & D, curriculum development, conversion of military curricula for civilian use, and teaching areas needing additional personnel; (5) clearinghouse to provide access to an exchange with other information systems, military curricula for civilian education, an annotated bibliography and annual reports of funded projects; and (6) evaluation services to states and local education agencies, especially by developing, demonstrating, and assisting in the application of methods for program evaluation and followup studies. Through its several functions, the National Center will strengthen and further capacitate state and local program improvement efforts.

CP000083 $243,381 Manchak

Comprehensive Planning for More Responsive Vocational Education.

PROJECT DIRECTOR: Starr, Harold
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$243,381 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Data Analysis, Educational Improvement, *Educational Planning, Guides, Information Dissemination, *Learning Modules, Relevance (Education), *School Districts, *Skills, *Statewide Planning

This task is part of a developing research effort to improve the planning of vocational education by states and local school districts. There are two distinct subtasks, each with its own objectives. The first of these subtasks is to improve planning through more effective and efficient use of data analysis techniques and display procedures. Alternative data analysis techniques and display procedures will be produced which will allow states to be more responsive in their planning based on data about vocational aspirations and labor market skills; improve their planning for new and emerging occupations and occupational skills; and develop vocational education goals and objective responses to demographic considerations, vocational aspirations, labor force needs, and resources available for vocational education. Procedures for subtask one are (1) the selection and organization of cooperating field site states, (2) determination of information needs, (3) selection of alternative data analysis techniques and display procedures, (4) field tryout and assessment of the usefulness of the techniques and procedures, (5) additional verification of the utility of the procedures by the states at large, and (6) production of a user's manual. The second subtask is to develop specifications for individualized training packages to assist individuals in mastering training competencies they do not already possess. The competencies required by state and local educational planners will be studied, and ten training packages will be developed to supply those competencies. Activities for subtask two involve the selection and organization of cooperating field site states; identification of planning competencies required in developing responsive vocational education plans; development of specifications for designing individualized performance-based training packages; and development of a prototype model for an individualized training module and user's guide. A plan for disseminating project outputs and activities will include procedures for interfacing with workshop activities of the National Academy for Vocational Educators and with key user groups in the states; acquainting National Center staff and visitors with the project; and making the prototype module, the user's guide, and the final report available from the National Center and through ERIC.

CP000084 $300,458 Manchak

Responsive Vocational Education for Special Needs Subpopulations.

PROJECT DIRECTOR: Malak, Sharon J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$300,458 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Academically Gifted, Bilingual Students, Demonstration Programs, *Educational Needs, Educational Strategies, Handicapped, Literature Reviews, *Mainstreaming, Migrants, Minority Groups, Needs Assessment, Prisoners, *Staff Improvement, Surveys, *Teacher Improvement
IDENTIFIERS: *Special Needs Subpopulations

The goals of this program are to facilitate access to, and successful performance within, the mainstream of vocational education programs for persons of special

needs subpopulations by training teachers, counselors, and local administrators to recognize and respond effectively to special needs. There are three distinct subtasks, each with its own objectives. The first of these is to determine educational needs among special subpopulations by conducting a needs assessment which includes a demographic and multi-faceted common and unique data collection effort. The information obtained will be used to establish a related research base to be used in identifying problem areas and signaling training implications for administrators, teachers, and counselors. A review of related research and a survey of teachers, counselors, students, business and labor persons, and administrators in four selected states will provide data for a validated base to improve existing teaching-learning, counseling, and administrative practices in vocational education for special needs subpopulations. The second subtask is to identify exemplary vocational education programs and practices for learners with special needs. Through a series of onsite visits and review of a representative sample of exemplary special needs programs, project staff will compile comprehensive, descriptive data and anecdotal information about current policies and practices that can be adapted at the local level; and establish communications and other linkages with other individuals, agencies, and associations. The third subtask is to develop intervention strategies for learners with special needs. A set of descriptive texts and technical briefs will be developed that describe the priority common and unique needs of special needs subpopulations. Once needs, programs, and strategies have been developed, teachers, counselors, and local administrators will be trained to develop and implement their own special needs vocational education programs. The project will focus on six subpopulations: handicapped, bilingual, gifted and talented, prisoners, migrants, and ethnic and racial minorities. Developers of products for professionals working with these groups will address differences between rural and urban people, youths and adults, and males and females.

CP000085 $207,028 Manchak

Increasing Sex Fairness in Vocational Education.

PROJECT DIRECTOR: Vetter, Louise
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$207,028 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Administrator Selection, *Attitudes, Certification, *Enrollment Influences, Equal Opportunities (Jobs), *Females, Interviews, *Literature Reviews, School Surveys, Sex Role, *Sex Stereotypes, State Surveys
IDENTIFIERS: Nontraditional Programs

As part of a research effort to study sex bias and sex stereotyping in vocational education, this task is divided into two distinct subtasks: factors influencing nontraditional enrollments and factors related to underrepresentation of women in vocational education administration. Objectives of subtask one are to document the factors influencing prevocational students toward or away from enrollment in nontraditional vocational education programs and to synthesize information concerning the perceptions of employers, counselors, teachers, administrators, and vocational students about factors influencing enrollment in nontraditional vocational education programs. A literature review and a survey of selected prevocational students will provide information concerning factors that influence prevocational students' choices of nontraditional vocational education programs. Objectives of subtask two are to document (1) the certification requirements for vocational education administrators in all states; (2) the available "employment pool" of women so certified in all states; and (3) the perceptions of the factors relating to underrepresentation of women in vocational education administration that are held by women candidates for administrative positions, by vocational education administrators, and by university vocational education faculty. Project staff will conduct a literature review, survey state certification offices, and interview potential women administrators and a representative sample of current vocational education administrators (both men and women) to provide the documented information. Outcomes to be achieved for each subtask include a research report and literature review paper. Target audiences will be vocational education R & D personnel, vocational education administrators, and faculty. These publications will help provide the information base needed to increase representation of women in vocational education programs and administration and will aid in the design of appropriate intervention strategies and techniques.

CP000086 $140,445 Manchak

Examining the Outcomes of Vocational Education and Their Correlates.

PROJECT DIRECTOR: Darcy, Robert
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$140,445 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Annotated Bibliographies, *Educational Assessment, Evaluation Methods, *Program Effectiveness, Program Evaluation, State of the Art Reviews

Objectives of this task are to identify outcomes that are appropriate and feasible for further study in the longer term effort to determine outcome criteria against which vocational education can properly be evaluated. Specifically, the program will develop a comprehensive, categorized list of candidate outcomes for vocational education; screen and select particular outcomes for in-depth analysis; conduct a focused review of research and evaluation studies; and synthesize and interpret information about selected outcomes, with particular attention to special need subpopulations. Among the outcomes to be achieved are: (1) providing vocational education with a clear and specific source list of outcomes, including differential outcomes for special need subpopulations; (2) contributing to deliberations and consensus among vocational educators about the outcomes which are most appropriate and feasible to measure effectively, and techniques for performing such measurement; and (3) providing vocational educators with an evaluative annotated bibliography of outcome studies and a state-of-the-art essay on outcome measures. This study will generate R & D knowledge about outcomes and priorities that can have a significant impact on vocational education program planning, evaluation, research, policy, and practice.

CP000087 $97,752 Manchak

Extending the Benefits of Vocational Education to Indian Populations.

PROJECT DIRECTOR: Minugh, Carol
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$97,752 01-May-78 TO 05-Jan-80
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *American Indians, Community Agencies (Public), *Cooperative Planning, Educational Needs, *Needs Assessment, *Organizational Communication, *Program Planning, State Agencies

Three major objectives for this designated study have been developed for expanding vocational education opportunities for Indian tribes: (1) establish and facilitate communication linkages between the National Center, state and local education agencies, and Indian populations; (2) identify and assess vocational needs of Indian populations; and (3) develop an "Integrated Planning Package for Indian Populations" to assist tribes and education agencies in collaborative planning of programs. The communication linkages will be implemented by establishing a consulting committee, an internship program, and a coalition of states with identifiable Indian populations, and by offering a newsletter and materials generated by the project to interested state education agencies and Indian groups. The second objective will be achieved by reviewing pertinent literature and existing vocational education programs in pilot states, obtaining recommendations from the consulting committee, and developing and pilot testing a needs assessment package. The collaborative planning package in the third objective will be developed by reviewing the literature and examining exemplary programs; organizing collected exemplary materials into a summary document; and developing, pilot testing, revising, and disseminating a comprehensive planning package. The tasks undertaken in relation to these objectives will serve to increase the availability and applicability of vocational education to Indian populations.

CP000088 $106,729 Manchak

Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.

PROJECT DIRECTOR: Pratzner, Frank
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$106,729 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Advisory Committees, *Credits, Evaluation Criteria, Job Skills, Legal Problems, Models, *Work Experience Programs
IDENTIFIERS: *YEDPA, *Youth Employment and Demonstration Projects Act

The purpose of this designated study is to develop an information report that will be useful to school administrators in recognizing the need for and in developing methods for granting academic credit to youth in YEDPA programs who have developed skills or competencies in work or other settings outside of formal school programs. The report will provide useful information summaries, suggestions, and recommendations regarding alternative approaches, issues, and problems to be considered. Five major objectives have been established: (1) identifying and using representatives of involved agencies, organizations, and groups in an advisory capacity; (2) identifying, limiting, and clarifying major issues and problems to be resolved (e.g., What competencies shall be considered for credit? How and by what standards shall competencies be evaluated?); (3) reviewing and describing selected existing models for granting academic credit; (4) examining some of the legal ramifications of granting academic credit as indicated by a selected sample of states; and (5) preparing an information report on the findings, outcomes, and recommendations that could be useful to the target audience. A series of structured and interrelated tasks and activities have been planned to accomplish these objectives. The approach will focus on selected key issues and will capitalize on the emerging knowledge and existing expertise of key actors in the field.

CP000089 $71,448 Manchak

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.

PROJECT DIRECTOR: Stork-Whitson, Karin
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$71,448 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Adult Counseling, Adult Programs, Demonstration Projects, *Guidance Centers, Information Dissemination, *State of the Art Reviews, *Urban Areas
IDENTIFIERS: *CETA, Comprehensive Employment and Training Act

The procedures necessary for accomplishing the designated study of urban adult guidance centers are to (1) conduct a national literature review on the current research, development, and evaluation of urban CETA-based adult guidance centers (results of the effort will provide new staff competencies, data for use in the monograph, and information for exemplary center selection for case study purposes); (2) identify three operational exemplary adult urban guidance centers that serve out-of-school youth and adults which are CETA supported; (3) conduct onsite visits to exemplary centers to obtain information for case studies; and (4) prepare an adult urban guidance center monograph that projects the current state of the art, case studies of exemplary programs, and recommendations. A national plan for future dissemination and diffusion of the monograph will be developed which will include procedures for a cost-recovery marketing and distribution element. A national advisory committee will be selected which will be convened up to three times during the project period to assist with study conceptualization and technical planning, reviewing the monograph drafts, and planning dis-

semination and diffusion activities. At the culmination of the project, a detailed summary of procedures, results, and problems will be submitted to the sponsor with the final financial accounting.

CP000090 $63,876 Manchak

Development of a Directory of Women Administrators in Vocational Education.

PROJECT DIRECTOR: Ross, Novella
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$63,876 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Administrative Personnel, Biographies, *Directories, *Females, Literature Reviews, Surveys

The increasing awareness of the need to involve women in the decision-making and policy-setting aspects of vocational education has prompted this designated study. The "Directory of Women Administrators in Vocational Education" will provide a resource for identifying women with administrative expertise in vocational education. It will highlight women who administer programs in nontraditional areas for women and include biographical entries of women from the following seven target populations: state education agencies, regional education agencies, local education agencies, teacher education institutes, state advisory councils for vocational education, community colleges/junior colleges/ technical institutes, and proprietary schools. The procedures are to (1) develop criteria for the selection of entrants, (2) develop a comprehensive survey plan to identify potential entrants, (3) develop a data collection instrument and survey potential entrants, (4) develop the format and content of the directory, and (5) print and disseminate the directory. Assistance in establishing criteria for the selection of entrants will be provided by a panel of six vocational education administrators from the target populations. Approval of the final selection criteria will be solicited from the Bureau of Occupational and Adult Education, U.S. Office of Education. Potential entrants will be identified by conducting a literature review, contacting key personnel to provide names, and inviting a direct response from the field through announcements published in journals and newsletters. The data collection instrument will be designed to obtain two types of information: biographical data that will appear in the directory, and sufficient information to determine if selection criteria are met. The directory will be submitted to ERIC and will be available for purchase from the National Center.

CP000091 $474,536 Manchak

Advanced Study Center.

PROJECT DIRECTOR: Russell, Earl B.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$474,536 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Advanced Programs, Competitive Selection, *Faculty, *Fellowships, Program Effectiveness, Program Evaluation, Recruitment
IDENTIFIERS: *Advanced Study Centers

The purpose of the Advanced Study Center is to provide a National Fellowship Program for ten or more national, state, and local leaders to study contemporary problems, issues, and trends in vocational education while spending up to a year in residence at the National Center. Criteria for selection of the National Fellows include present and past leadership and the commitment of the candidate's organization or agency to utilize the added competence of the Fellow. A recruitment package will be distributed to such contacts as state directors of vocational education, members of the American Vocational Association, and postsecondary institutions. Associated with the National Fellowship will be a core of authorities in vocational education and related disciplines who will serve as the National Faculty of the Advanced Study Center. The National Faculty will also contribute significantly to other National Center programs, including the inresidence and institute programs of the National Academy for Vocational Education, staff development programs, and research and development projects. An initial core of twenty-five to fifty national faculty members will be selected. Individual professional education plans for the National Fellows, as well as a team activity program, will be based upon a needs assessment, priorities from the Education Amendments of 1976, and recommendations from the Fellows, the National Faculty, Advanced Study Center staff, and other National Center staff. An ad hoc committee will establish evaluation procedures, criteria, and instruments for all aspects of the program and will conduct short-range evaluation. These assessments will focus on the quality and quantity of independent planning and learning by National Fellows, the quality of instruction by members of the National Faculty, and the quantity and quality of team activity in advanced studies. A yearly follow-up survey of the usefulness of the experience by Advanced Study participants (as seen by both the Fellows and their immediate supervisors) will judge the long- range impact of the program.

CP000092 $268,034 Manchak

National Academy of Vocational Education.

PROJECT DIRECTOR: Parks, Darrell
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$268,034 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Educational Improvement, Educational Needs, Educational Planning, *Inservice Programs, *Institutes (Training Programs), *Leadership Training, Seminars, Workshops

The purposes of the National Academy are to capacitate more fully and motivate the key actors responsible for developing and improving vocational education across the nation and to provide an opportunity for leaders to satisfy their leadership development

needs. The planning of the National Academy will be an ongoing effort based upon needs assessments, the determination of substantive priorities, and the recommendations of the National Academy Technical Panel and will involve close working relationships and collaboration with field organizations and their leaders. The two principal programs of the Academy will be an inresidence program and an institute program. The goal of the inresidence program will be to capacitate key vocational education leaders to deal creatively and effectively with significant issues, problems, and concerns in their work settings. During the first year, the inresidence program will provide three programs of full-time study for a two- to four- month period of time, with up to forty students enrolled in each program. The principal activities in conducting the inresidence program are the recruitment of attendees and faculty, development of the instructional programs, assembly or development of materials, implementation of the program, and evaluation of the program and its impact. The institute program will include activities conducted at various geographic locations across the United States and will consist primarily of institutes, seminars, workshops, and clinics. All institute programs will be nonrestrictive inservice activities. A feasibility study will be conducted to document the conditions or factors which are prerequisites for economically self-supporting inservice programs. Evaluation of the National Academy will be an ongoing and integral part of all Academy programs and activities and will be focused on improving the planning, organization, and delivery of Academy programs as well as on assessing their overall relevance, quality, and efficiency.

CP000093 $484,068 Manchak

Development of a National Dissemination and Utilization System for Vocational Education.

PROJECT DIRECTOR: Singer, Norman M.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$484,068 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Delivery Systems, Educational Improvement, Educational Needs, *Information Dissemination, Information Needs, Information Services, *Information Utilization, Instructional Materials, National Programs, Needs Assessment, *Networks, *Research Utilization

A system will be developed which meets the unique information and product needs of vocational education. It will aim to facilitate selection of ideas, materials, and outcomes of research and development, effective practices, and other knowledge that can be used for the improvement of vocational education. It will also aim to facilitate the adoption, adaptation, and installation of improvements. Specific objectives are (1) selecting information/products for dissemination and utilization using a two-stage screening and selection process; (2) planning dissemination and utilization strategies for the selected product lines; (3) producing and packaging each selected product line; (4) conducting dissemination and utilization activities through a national network of collaborators (research coordinating units, curriculum coordination centers, and special subnetworks); (5) providing general assistance to users by establishing and maintaining a User Request Office; and (6) developing and conducting liaison with the U.S. Office of Education and the National Institute of Education dissemination and utilization systems (e.g., National Diffusion Network (NDN), Educational Resource Information Center (ERIC), and Research and Development Exchange (RDx)). Evaluation procedures will include an internal review of dissemination and utilization strategies and workshops, review of selection criteria by a technical panel, and verification of product line selections by a panel of practitioners.

CP000094 $73,333 Manchak

Special Packages for Occupational Services Areas.

PROJECT DIRECTOR: L'Angelle, David D.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$73,333 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Educational Needs, Guides, *Information Dissemination, *Instructional Materials, *Resource Materials
IDENTIFIERS: *Emerging Occupations

This task will develop special packages containing practical and adaptable models, materials, and information in new areas of emphasis and need which emerge in vocational education every year. Needs will be identified by observing legislative emphasis, studying vocational education enrollment data, analyzing clientele inquiries, reviewing professional literature, examining new and emerging occupations, and working with occupational service area leaders. Staff will conduct literature searches for materials in appropriate data bases, review commercial publication lists, and contact professional associations. Relevant materials will be acquired, reviewed, and selected. Specifications for the packages will, in general, include (1) materials which will be reproducible at the discretion of occupational service leaders in the states; (2) a diverse set of materials, including administrative guides, curriculum guides, instructional materials, transparency masters, slides, interpretative papers, and resource lists; (3) a flexible arrangement so that materials may be added, deleted, reproduced, repackaged, or modified; and (4) attractive packaging. Approximately five special packages will be available to each state, with states encouraged to reproduce them for statewide distribution. The packages may also be purchased from the National Center. Special packages will be demonstrted and displayed at professional meetings and conferences. User feedback forms will be inserted in each package, and modifications in the number, scope, and format of the packages will be based upon recommendations from the feedback forms, annual reviews, impact studies, and work with occupational service area consultants.

CP000095 $109,148 Manchak

Dissemination and Utilization Impact Study.

PROJECT DIRECTOR: Hull, William
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational

and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$109,148 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Educational Planning, *Educational Research, Federal Legislation, Information Systems, *Information Utilization, Publications, State Legislation, *Use Studies
IDENTIFIERS: *Research Impact

Objectives in establishing this comprehensive program include determining the extent to which vocational education R & D information and products have been distributed, the extent of utilization of vocational education R & D information and products, aand the impact of selected vocational education R&D information and products . A conceptual framework for determining the type of impact to be measured will be developed, along with criteria and instrumentation, a data collection plan, and a reporting plan. The study will be undertaken in cooperation with the RCUs, and results will be shared with RCUs and selected states. Products will be selected for intensive study of their use and impact, and a special relationship will be established with some states to coordinate study of product impact. The results of this study should be useful to persons planning investments in research and development.

CP000096 $83,263 Manchak

Leadership for Research Coordinating Units and Curriculum Coordination Centers.

PROJECT DIRECTOR: Bice, Juanita
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$83,263 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Conferences, *Information Dissemination, Information Systems, *Leadership, *Networks, Research Coordinating Units, *Workshops
IDENTIFIERS: Curriculum Coordination Centers

The purposes of this task are to involve both the research coordinating units (RCUs) and the curriculum coordinating centers (CCCs) in a nationwide network of dissemination collaborators linked to the National Center, and to provide training for RCUs and CCCs. Two committees--one on information systems and the other on dissemination networks--will be formed to plan for a national planning and implementation conference and regional workshops. The National Center will conduct four regional workshops to train RCU information specialists to operate state information services and four additional regional workshops to train RCU and CCC personnel in linkage and product knowledge.

CP000097 $99,349 Manchak

Development of State of the Art Papers.

PROJECT DIRECTOR: Kowle, Carol
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$99,349 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Adult Vocational Education, *Educational Assesament, Educational Needs, *Educational Planning, Information Dissemination, Post Secondary Education, Prevocational Education, *Publjcations, Secondary Education, *Sex Discrimination
IDENTIFIERS: *Knowledge Transformation, *Special Needs Populations

This knowledge transformation activity is aimed at communicating knowledge, increasing comprehension, and suggesting applications on problems and issues related to prevocational, secondary, postsecondary, and adult vocational education. Sixteen papers will be produced and distributed. The four main topic areas are special needs populations, sex fairness issues, evaluation, and planning. Managing the knowledge transformation process involves assessing needs, compiling lists of topics for review by the Advisory Committee, selecting authors and reviewers, developing writing schedules, reviewing and revising papers, editing manuscripts, and preparing the papers for publication. The problems, issues, and needs in vocational education are identified through contact with vocational educators, administrators, and researchers, as well as collaboration with National Center staff in all of the functional areas.

CP000098 $122,163 Manchak

National Vocational Education Needs.

PROJECT DIRECTOR: Morrison, Edward J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$122,163 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Educational Needs, Educational Planning, Educational Policy, *Information Dissemination, *Information Needs, *State of the Art Reviews

The purpose of this task is to contribute to the identification, description, and monitoring of national vocational education needs by reporting regularly on the status of vocational education, thereby providing information useful to state and national planners, decision makers, and policy makers. Major operational objectives are to (1) define major areas of planning and policy for emphasis in the report; (2) identify, assemble, and analyze relevant data and information supplied to the Office of Education and to the National Center for Education

Statistics and such as may be available from other federal agencies, from task forces, groups, agencies, and special committees, and from the general literature; (3) interpret findings with respect to major areas and questions; (4) report findings and interpretations; (5) evaluate operations; and (6) make appropriate revisions. To define major areas of planning and policy, project staff will analyze federal legislation, previous related studies, and available plans and reports of major agencies and groups and will review information needs with national planning and policy participants and with representatives of vocational education groups. They will then prepare an annotated list of priority information needs based on the analyses and consultations. Two reports on the status of vocational education–one for school year 1975-1976 and another for 1976-1977–will be developed during the first contract year.

CP000099 $85,713 Manchak

Information for National Applied Research and Development Priorities.

PROJECT DIRECTOR: Morrison, Edward J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$85,713 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Annual Reports, *Data Analysis, *Data Collection, *Educational Needs, Educational Planning, Educational Policy, *Research Needs

The purpose of this task is to produce information and data that assist the U.S. Office of Education in the selection of national research and development priorities. It is directed at the identification of durable, long-term needs of national significance. The major objectives are to (1) identify, assemble, and analyze information on needs in vocational education; (2) consolidate and verify the needs; (3) select needs requiring research and development; and (4) interpret and explain the principal research and development required for each need. In achieving these goals, the National Center will establish liaison with important informant sources and the advisory panel who will assist in consolidating and interpreting the needs. The annual report produced will present an annotated list of needs for which research and development are appropriate and the activities required for each need. The report will assist the Coordinating Committee on Research in Vocational Education in establishing priorities for vocational education research, and will contribute to coordinating the efforts of the several member agencies to avoid duplication of effort. It will also assist the National Center to select areas for its independent studies program and should be of interest to the research coordinating units and researchers to guide the selection of research they wish to conduct.

CP000100 $78,216 Manchak

National Curriculum Development Priorities.

PROJECT DIRECTOR: Morrison, Edward J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$78,216 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Annual Reports, *Curriculum Development, *Data Analysis, *Data Collection, *Educational Needs, Educational Planning, Educational Policy, Employment Trends
IDENTIFIERS: *Emerging Occupations

The purpose of this task is to develop and present information and data that assist in selecting national priorities for curriculum development in specific occupational areas that are new or changing. The general strategy will be to (1) acquire available information about the changes in occupational areas; (2) determine the occupational areas of concern to vocational education; (3) estimate the status of available curriculum content, materials, media, and methods for each of these areas; and (4) determine those specific occupational areas in which inadequacies exist. To initiate this effort, the project will establish an advisory panel and identify and establish liaison with informant sources. The objectives are to identify, assemble, and analyze data and information; interpret and report findings; and evaluate and revise the data collection and synthesizing procedure. The annual report produced will focus on curriculum development needs attributable to specific new or changing occupational areas and will cite apparent cost-effective alternatives for meeting training needs.

CP000101 $75,163 Manchak

Department of Defense Products for Conversion.

PROJECT DIRECTOR: Morrison, Edward J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$75,163 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Curriculum Development, *Curriculum Evaluation, Educational Needs, *Instructional Materials, *Military Training

The purpose of this task is to obtain and provide data on a regular basis that facilitates selection of national priorities for converting military technical training curriculum materials to use in civilian vocational and technical education programs. To assist civilian educators in using these materials, the staff will identify civilian curriculum needs, identify military materials which will satisfy these needs, and make necessary modifications in the material so it can be easily understood by civilians and adapted to existing programs. Procedures are to (1) identify sources of information, (2) identify needs and describe curriculum, (3) match priorities and materials, (4) prepare an annual report, and (5) evaluate and revise procedures. Sources of military-developed technical training material will be identified and liaison established so that material can be identified, acquired, reviewed, and selected for conversion. Major attention will be focused on those materials in each branch of the service which are basic courses, instructional areas hav-

ing large civilian enrollment, new or emerging occupations, and self-paced with behavioral objectives. Contact will be established and maintained with the following groups: National Center policy and planning staff; National Center staff conducting a pilot test of the system to provide civilian access to military-developed technical training materials; agencies providing access to military materials (e.g., Aerospace Education Foundation, U.S. Naval Institute, National Audiovisual Center, Superintendent of Documents); and technical training commands of the Air Force, Army, Coast Guard, Marine Corps, and Navy.

CP000102 $54,606 Manchak

Education Personnel Needs Study.

PROJECT DIRECTOR: Morrison, Edward J.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$54,606 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Annual Reports, *Data Analysis, *Data Collection, Educational Planning, Educational Policy, *Personnel Needs

The purpose of this task is to provide information and data to make possible the production of a listing, by state, of the vocational education subject areas which need additional personnel. In the first year, the project will evaluate results from other, related investigations of needs for personnel and will distill effective practices and methods; develop alternative approaches; examine and analyze appropriate, available data; and try tentative estimating models. If necessary, it will plan and initiate special data collection. The objectives are to (1) review previous studies and available data; (2) revise indices and methods and devise alternatives; (3) review new measures, procedures, and alternatives for effectiveness, feasibility, and acceptability with a panel of technical consultants and representatives of states' planning and research coordinating units; (4) revise the plans, measures, and instrumentation as necessary; (5) assemble, collect, and analyze data; (6) report findings and interpretations; and (7) evaluate and revise the procedures. In addition to the required annual reports, the National Center will hold a three-day briefing session at the end of the contract year to provide an overall review of activities, progress, and findings.

CP000103 $88,418 Manchak

Access and Crosswalk.

PROJECT DIRECTOR: Budke, Wesley E.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$88,418 01-Mar-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Information Dissemination, Information Needs, *Information Processing, Information Systems, *Organizational Communication, *Periodicals, Surveys

There are several existing information systems which contain information that could be useful in vocational education. This task will establish better access and "crosswalk" or interchange between these systems. Initially, assessment of the information-seeking habits and needs of vocational educators will be done through a survey of users of "Resources in Vocational Education" (RIVE). This bimonthly publication is the principal vehicle for providing access to information about projects, products, and other resources. Major emphasis will be placed on refining and expanding the publication. Each issue currently presents 200 abstracts of research and instructional materials in the field of vocational education and provides descriptions of projects administered by the states. Staff have developed communication with more than twenty information and dissemination systems and networks which will work cooperatively in future endeavors, and plans are under way to expand the institutional resources section of the index to include profiles of information systems and networks. The publication will also provide information on nonprint instructional materials, descriptions of dissertations in progress, and projects administered by the Office of Career Education, Fund for the Improvement of Postsecondary Education, and the National Institute of Education. Liaison with federal and state agencies will be reinforced and sustained; and crosswalk linkages will be made with Educational Resources Information Center (ERIC), Smithsonian Science Information Exchange (SSIE), The National Technical Information Service (NTIS), Interagency Research Information System (IRIS), the NIE-sponsored Research and Development Exchange (RDx), and the Clearinghouse for Adult Education and Lifelong Learning (ADELL).

CP000104 $28,824 Manchak

System to Provide Military Curricula to Vocational Educators.

PROJECT DIRECTOR: Budke, Wesley E.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$28,824 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Armed Forces, *Curriculum Development, *Curriculum Evaluation, *Information Dissemination, *Instructional Materials, *Military Training

The National Center Clearinghouse will pilot test, implement, and maintain a system to make military-developed curricula materials more easily accessible to vocational and technical educators. Attention will focus on basic courses, instructional areas which have large civilian enrollment, new or emerging occupations, and materials which are self-paced with behavioral objectives. The following procedures will be implemented: (1) establish specific system operational goals and objectives; (2) maintain working relationships with each branch of the military service to assist in identifying and making materials available; (3) identify and acquire military curriculum materials relevant to vocational education; (4) review, evaluate, and select courses for dissemination; (5) announce courses for dissemination; (6) duplicate course materials; (7) test select courses in

the field; (8) evaluate pilot-tested courses for possible conversion to civilian formats; and (9) establish referral networks and procedures with organizations and agencies currently providing access to military materials (e.g., Aerospace Education Foundation, U.S. Naval Institute, Superintendent of Documents, and National Audiovisual Center). Close association will also be maintained with staff in the National Center Planning and Policy Function which is assembling data and information to assist the U.S. Office of Education in selecting priorities for conversion of Department of Defense curricula materials for civilian use. Evaluation of the sytem will be ongoing through feedback from users and in-depth interviews.

CP000105 $144,694 Manchak

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.

PROJECT DIRECTOR: Budke, Wesley E.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$144,694 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Annotated Bibliographies, Career Education, Contracts, Curriculum Development, Demonstration Projects, *Federal Aid, Grants, Information Dissemination, *Information Processing, Information Retrieval, *Information Systems, *Research Projects, *State Federal Aid

An annotated bibliography will be compiled of research, exemplary and innovative, and curriculum development projects assisted with funds made available under vocational education legislation from FY 1970 through FY 1977. It will be published in two volumes: Volume I, federally administered projects, and Volume II, state administered projects. Approximately 8,000 projects will be included. Information on these projects will be acquired from published sources, The Bureau of Occupational and Adult Education, and the state research coordinating units. Concurrent with the compilation of the annotated bibliography of projects, a tracking system for projects and products will be designed and operated. The tracking system will be computerized and have the capability of maintaining a file of information about all projects funded under vocational education legislation, identifying the reports and products emanating from these projects, and noting document availability (i.e., inclusion in the ERIC system). Documents not included in ERIC will be available for onsite review at the National Center. The system will utilize files created for other National Center Clearinghouse activities and will provide a master file of vocational education projects and products.

CP000106 $34,785 Manchak

Annual Reports of Federal and State-Administered Projects.

PROJECT DIRECTOR: Budke, Wesley E.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$34,785 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Abstracts, American Indians, Annual Reports, Bilingual Education, Career Education, Contracts, Curriculum Development, *Federal Aid, Grants, *Information Dissemination, *Information Processing, *Research Projects, Staff Improvement, State Federal Aid

The purpose of this task is to publish annual compilations of projects supported under vocational education legislation in order to provide a record of fiscal year funding and an awareness of ongoing research to reduce duplication of effort and facilitate incorporation of innovations into existing programs. Two annual reports of federally administered projects will be published in calendar year 1979. "Current Projects in Vocational Education - FY 1978" will contain abstracts of projects administered by the Division of Research and Demonstration, U.S. Office of Education. These will include program improvement projects of national significance, bilingual education, personnel training, contracts with Indian tribes, and the National Center for Research in Vocational Education. A second report will contain abstracts of vocational education, career education, and education and work projects supported by the four member agencies of the Coordinating Committee on Research in Vocational Education: National Institute of Education, Fund for the Improvement of Postsecondary Education, and the Office of Career Education and the Division of Research and Demonstration, U.S. Office of Education. Procedures to produce these two reports include acquiring information and proposals (or proposal abstracts) from the sponsoring agencies, preparing project resumes, and producing camera-ready copy for printing. The annual report of state administered projects will present, in one convenient volume, information on projects funded in each state for each fiscal year. These projects are announced in the "Projects in Progress" section of "Resources in Vocational Education." The annual reports will be submitted to ERIC and distributed to the U.S. Office of Education and designated vocational education administrators.

CP000107 $181,231 Manchak

Providing Technical Evaluation Services for Educational Agencies.

PROJECT DIRECTOR: Stevenson, William
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$181,231 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: Case Studies, *Evaluation, Evaluation Methods, *Evaluation Needs, Needs Assessment, *Program Effectiveness, School Districts, State Departments of Education, Surveys, *Technical Assistance, *Vocational Followup
IDENTIFIERS: *Special Needs Subpopulations

The objectives of this task are to (1) provide technical evaluation assistance to four states and their respec-

tive LEAs, concentrating on follow-up of completers and leavers of vocational programs and assessment of effectiveness of programs for special needs subpopulations; (2) determine the priority of evaluation needs and assess evaluation capabilities in vocational education by states, LEAs, and other public agencies as a guide to project objectives and procedures in subsequent years; (3) prepare a case study of the evaluation services conducted and results achieved in each of the four selected states; and (4) develop and implement a complete evaluation system in four states. Six activities have been identified as essential in the conduct of this task the first year: refine and update procedures, analyze evaluation roles and responsibilities, select state education agencies, diagnose states' needs and capabilities and provide technical assistance, conduct surveys and establish prioritized needs, and prepare case studies. The task is expected to provide SEAs, LEAs, and other recipients of vocational education funds with more accurate information to guide program planning and to fulfill their mandated evaluation requirements; to develop a documented list of evaluation needs and capabilities based on experience in the four selected states; to provide all states wishing to improve their evaluation of vocational education with a synthesis of experiences and practices useful in increasing the effectiveness of follow-up and program evaluation for special needs subpopulations; and to provide examples to serve as guides for other states in the development of evaluation systems that provide information to facilitate the planning and operation of programs more responsive to the needs of individuals.

CP000108 $61,906 Manchak

Developing Evaluation Handbooks for Vocational Education.

PROJECT DIRECTOR: McCaslin, Norval L.
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$61,906 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Administrator Guides, Data Analysis, *Guidelines, Information Needs, Literature Reviews, *Program Evaluation, *Vocational Followup

In order to assist state and local administrators in improving their expertise in the areas of program evaluation and follow-up studies, this task is designed to produce two handbooks. One handbook will contain guidelines for improving the technical aspect of follow-up studies which will enable state and local educational agencies and other public agencies to improve the planning, conducting, reporting, and use of these studies. The other handbook will be a procedural guide which will improve the techniques and practices for obtaining follow-up information, thus improving the ability of state and local education agencies to provide services to special needs subpopulations. Procedures to develop the handbooks will include translation of the problem statement into questions and/or task statements; identification of data or information needs; review of literature; analysis of data; preparation of detailed outline of typical areas; preparation of initial draft; review based upon selected criteria; revision; and development of final manuscript.

CP000109 $110,092 Manchak

Increasing the Credibility of Vocational Education Evaluation Reports.

PROJECT DIRECTOR: Franchak, Steven
ORGANIZATION: Ohio State Univ., Columbus. National Center for Research in Vocational Education.
ADDRESS: 1960 Kenny Road, Columbus, OH 43210. (614) 486-3655
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Ohio Congressional District Number 15
CONTRACT: OEC-300-78-0032
PROJECT: 498AH80003
FY78-$110,092 16-Jan-78 TO 15-Jan-79
NOTE: This task is performed as part of the contract for the National Center for Research in Vocational Education.
DESCRIPTORS: *Evaluation, *Evaluation Criteria, *Reports, *Research Reviews (Publications), *Technical Assistance, *Technical Writing

The purpose of this task is to identify desirable characteristics of vocational education evaluation reports, provide an independent review and critique of evaluations of vocational education reports, and provide technical assistance on improving these reports. The result of the reviews and critiques will provide information and services to educational agencies that can be used to upgrade the quality of information and thereby capacitate them to become more rigorous in meeting the requirements for scientific inquiry in preparing future evaluation reports of vocational education. Specific objectives are to (1) identify the characteristics that are most important and relevant in assessing evaluation reports of vocational education such as those mandated in the Education Amendments of 1976; (2) conduct reviews and critiques of selected regional and statewide evaluation reports of vocational education; (3) provide technical and consultative evaluation services to agencies selected to submit evaluation studies; and (4) prepare an "Evaluation of Vocational Education Review Annual." The activities to be conducted are organized into six components: finalize project procedures for the first year, solicit and select evaluation reports, review evaluation reports, provide evaluation technical services to states on evaluation reports, and prepare the vocational education evaluation review annual.

Curriculum Coordination Centers

CP000110 $133,361 Anderson

Western Curriculum Coordination Center.

PROJECT DIRECTOR: Zane, Lawrence F. H.
ORGANIZATION: Hawaii Univ., Honolulu. Coll. of Education.
ADDRESS: 2444 Dole Street, Honolulu, HI 96822. (808) 948-7834
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Hawaii Congressional District Number 1
GRANT: OEG-00-77-00004
PROJECT: 496AH70002
FY77-$65,041 01-Jan-77 TO 31-Dec-77;
FY78-$68,320 01-Jan-78 TO 31-Dec-78
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 1, 1977 - December 31, 1979.
DESCRIPTORS: Consortia, *Curriculum Development, *Information Dissemination, *Instructional Materials Centers, Networks, *Regional Cooperation

The purpose of this project is to maintain a curriculum coordination center within the National Net-

work for Curriculum Coordination in Vocational Technical Education (NNCCVTE) that will serve the consortium states and territories in the Western Region: American Samoa, Arizona, California, Guam, Hawaii, Nevada, the Northern Marianas, and the Trust Territory of the Pacific Islands. The Center will house and disseminate vocational education curriculum materials and will assist the consortium states in establishing curriculum priorities, sharing information, and planning for cooperative arrangements in the development of curriculum materials in order to reduce duplication of effort. Procedures are to (1) establish and maintain the operation of the Western Curriculum Coordination Center to house vocational education curriculum materials; (2) disseminate curriculum materials and information to the states in the Western Region, the other regional centers, and the U.S. Office of Education; (3) respond to requests for materials from the western states and others in the National Network; (4) identify state and regional curriculum priorities; (5) share information and plans regarding curriculum materials and needs by means of a reporting system, quarterly newsletter, regional meetings, conferences, and workshops; and (6) participate in the activities of NNCCVTE.

CP000111 $81,710 Anderson

East Central Curriculum Coordination Center.

PROJECT DIRECTOR: Douglass, Rebecca S.
ORGANIZATION: East Central Network for Curriculum Coordination, Springfield, Ill.
ADDRESS: 100 North First Street, Springfield, IL 62777. (217) 782-0759
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Illinois Congressional District Number 20
CONTRACT: OEC-300-78-0024
PROJECT: 498AH80001
FY78-$81,710 01-Jan-78 TO 31-Dec-78
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 1, 1978-December 31, 1980.
DESCRIPTORS: *Curriculum Development, *Curriculum Evaluation, *Instructional Materials Centers, Library Circulation, *Resource Centers, Staff Improvement

The East Central Curriculum Coordination Center provides leadership to and coordinates curriculum planning, development, and dissemination in Delaware, District of Columbia, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Pennsylvania, Virginia, West Virginia, and Wisconsin. Objectives are to (l) provide information resources to be used toward the improvement of state capabilities and services; (2) promote efficient use of resources and facilitate coordination in the design, development, and dissemination of curriculum within the East Central Region; (3) provide a system for evaluation and utilization of curriculum products and information to be used by national, state, and local decision makers; (4) provide professional development activities to train or upgrade personnel in the areas of curriculum development, dissemination and diffusion, curriculum management, and utilization of research findings; (5) assist in the elimination of sex bias and sex-role stereotyping in vocational programs and curriculum materials; and (6) serve as a center for promoting cooperation and coordination with other organizations and agencies involved with vocational research, curriculum design, development, and dissemination. The Center will operate a loan library of curriculum resource materials for the twelve states in the region, disseminate curriculum materials received from the other Centers, collect and report information to the U.S. Office of Education regarding the impact of the Center on the states in the region, evaluate Center services, participate in the activities of the National Network for Curriculum Coordination in Vocational Technical Education (NNCCVTE), and provide a system for input to aid in the use of information from the National Center for Research in Vocational Education.

CP000112 $97,111 Anderson

Southeast Curriculum Coordination Center.

PROJECT DIRECTOR: Shill, James
ORGANIZATION: Mississippi State Univ. Research and Curriculum Unit, Mississippi State.
ADDRESS: Drawer DX, Mississippi State, MS 39762. (601) 325-2510
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C., Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Mississippi Congressional District Number 2
GRANT: OEG-00-77-00005
PROJECT: 496AH80003
FY77-$48,556 01-Jan-77 TO 31-Dec-77;
FY78-$48,555 01-Jan-78 TO 31-Dec-78
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 1, 1977 - December 31, 1979.
DESCRIPTORS: Cooperative Planning, *Curriculum Development, Educational Coordination, *Instructional Materials Centers

The primary mission of the Southeast Curriculum Coordination Center is to provide leadership for coordination of activities in the planning, development, and diffusion of vocational curriculum for new and changing occupations and for coordination of improvements in and dissemination of existing curriculum materials in Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee. The primary objective of the Center is to expand the interactional activities among these states and to articulate their curriculum needs and problems at the national level through the National Network for Curriculum Coordination in Vocational Technical Education. Procedures will include (1) assessing curriculum development needs and current activities in the region; (2) assessing priority areas for future curriculum development; (3) assessing current curriculum formats, validation strategies, and field testing strategies in the region; (4) implementing a regional curriculum coordinating council; (5) establishing a curriculum review panel; and (6) conducting training activities for curriculum development personnel. This project will impact on national, state, and local levels by improving curriculum services and capabilities, reducing duplication of effort, stimulating cooperative relationships at state and local levels, establishing and maintaining a system for determining curriculum needs, and providing avenues for sharing information and materials.

CP000113 $54,959 Anderson

Midwest Curriculum Coordination Center.

PROJECT DIRECTOR: Patton, Bob
ORGANIZATION: Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Curriculum and Instructional Materials Center.
ADDRESS: 1515 West Sixth Avenue, Stillwater, OK 74074. (405) 377-2000, Ext. 252
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 6
CONTRACT: OEC-300-78-0025
PROJECT: 498AH80002
FY78-$54,959 01-Jan-78 TO 31-Dec-78
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: January 1, 1978-December 31, 1980.

DESCRIPTORS: *Curriculum Development, Instructional Improvement, *Instructional Materials Centers, Systems Approach

The purposes of the Midwest Curriculum Coordination Center are to improve curriculum capability and services at the state levels of each state within the region, minimize duplication of curriculum development activities, and improve curriculum management resources available to both state and national decision makers. The objectives of the Center are to coordinate curriculum activities of the Midwest Curriculum Network, which serves Arkansas, Iowa, Kansas, Louisiana, Missouri, Nebraska, New Mexico, Oklahoma, and Texas; provide curriculum information and materials to each participating state, other federally funded centers, Regions VI and VII, and the U.S. Office of Education; provide the means for each state in the region to apply the systems approach in the development and use of curriculum materials; and develop standards for curriculum development in order to increase transportability of curriculum materials and avoid duplication of efforts. Procedures will include (1) collecting abstracts of curriculum products under development within the region, (2) compiling and disseminating a profile of curriculum projects under development and the identified needs within states, (3) collecting impact information about coordination efforts, (4) providing consultant services to states for diffusion and development training, (5) promoting continual cooperation with business, industry, and other agencies, and (6) assessing formats, validation strategies, and field-testing methodology.

CP000114 $257,288 Gunderson

Bilingual Vocational Dental Assistant Training.

PROJECT DIRECTOR: Weissman, Fredric
ORGANIZATION: California Univ., Los Angeles. Univ. Extension.
ADDRESS: 405 Hilgard Avenue, Los Angeles, CA 90024. (213) 825-1431
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: California Congressional District Number 23
GRANT: OEG-00-78-03117
PROJECT: 558AH80027
FY78-$257,288 15-Aug-78 TO 14-Aug-79
DESCRIPTORS: *Adult Vocational Education, *Bilingual Education, *Dental Assistants, English (Second Language), Paraprofessional Personnel, *Spanish Speaking

The purpose of this project is to continue and further develop an ongoing bilingual vocational training program to assist low income, language-disadvantaged persons in the central-city Los Angeles area to acquire the manual and academic skills necessary to work as dental paraprofessionals. Specific objectives are to (1) provide 1,080 hours of bilingual training to fifty persons; (2) extend dental health care delivery systems and services to a greater number of persons of limited or no English-speaking ability through utilization of bilingual paraprofessionals who are capable of performing expanded functions; (3) provide high quality vocational training having long-term career opportunities and immediate gainful employment; and (4) provide a model for other similar programs. Recruitment procedures will involve contacts with public service agencies and community dentists. The one-year program is divided into three modules of twelve weeks each, thirty hours per week. In addition to lectures and laboratory and clinical training in dental practices and procedures, the curriculum includes courses in English, psychology, and speech. Emphasis will be placed on performance in an actual clinical setting, and ESL instruction will be offered for program participants in two types of courses: a two-week session on general English and a twelve-week course on vocational English as related to dentistry. Community agencies, practicing dentists, the Los Angeles County Dental Society, and the advisory board will assist in job placement of graduates, and follow-up surveys will conducted to determine the effectiveness of the program. As a result of this project, fifty formerly unemployed persons will be trained for long-term employment, and the demand of community dentists for bilingual assistants will be partially met. Extended health services will be available to the community, and the program model and materials developed may assist in the implementation of similar programs.

CP000115 $100,218 Gunderson

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.

PROJECT DIRECTOR: Barrios, Mario
ORGANIZATION: San Francisco Community Coll. District, Calif. Mission Community Coll. Center.
ADDRESS: 890 Valancia, San Francisco, CA 94110. (415) 648-1415
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: California Congressional District Number 5
GRANT: OEG-00-78-02641
PROJECT: 558AH80069
FY78-$100,218 05-Sep-78 TO 04-Sep-79
DESCRIPTORS: *Adult Vocational Education, Art Education, *Bilingual Education, Commercial Art, *Graphic Arts, *Office Occupations Education, *Spanish Speaking

The purpose of this project is to implement and administer two bilingual (Spanish and English) vocational skills training programs for limited English-speaking and bilingual adults. The programs, bilingual medical/dental receptionist training and bilingual graphic arts and advertising training, will each be offered for twenty-six weeks to San Francisco residents. These programs will train and offer stipends to a total of forty students from economically disadvantaged, unskilled, limited English-speaking backgrounds. Each program will provide comprehensive skills training and bilingual student support services to assist in securing job placement in each employment training area upon program completion. Work sites will be developed by the counselor and job development/placement component to provide participating students with practical work experience and an opportunity to use and further develop the skills taught in the classroom. Job placement specialists of the Mission Center project will coordinate an effort on behalf of each student to gain employment in the chosen occupational training field. This project will enable employers in the Mission community and greater San Francisco to be involved in the planning and evaluation of the project through their participation on an advisory committee.

CP000116 $370,403 Gunderson

Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.

PROJECT DIRECTOR: Tsu, John B.
ORGANIZATION: San Francisco Univ., Calif. Bilingual Multicultural Program.
ADDRESS: 2130 Fulton Street, San Francisco, CA 94117. (415) 666-6878
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: California Congressional District Number 5
GRANT: OEG-00-78-00142
PROJECT: 588AH80003
FY78-$370,403 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: Accounting, Banking, *Bilingual Education, *Bilingual Teachers, Chinese Americans, *Counselor Training, English (Second Language), Filipino Americans, Inservice Education, Preservice Education, Program Evaluation, Spanish Speaking, *Teacher Education

The purpose of the bilingual vocational instructor training program is to help meet the critical shortage of instructors possessing both the job knowledge and skills and the dual language capabilities required for adequate instruction or counseling and guidance of persons handicapped by their limited English-speaking ability. The program is designed for thirty preservice instructors and counselors who will be prepared to train persons as para-accountants or bank tellers and to use counseling/guidance techniques. Among the full-time participants, ten each will be Chinese, Filipino, and Spanish-speaking. Of the full-time participants, half will be trained in accounting and banking, and half will be trained in the counseling and guidance areas. The instructional design of the program for these participants will include weekday morning study of a target language or of English-as-a-Second-Language (ESL), depending on language abili-

ties. The afternoons will be devoted to content and skills instruction in the core curriculum areas of accounting and banking and to counseling and guidance methodology. For the part-time inservice participants, emphasis will be placed on target language study and on vocational theories and methods during two evening sessions weekly. During an all-day Saturday session, there will be further emphasis on target language study, ESL, and on vocational theories and counseling skills. Both formative and summative evaluation will be conducted, using the competency-based approach. Evaluations will be done by the participants, the teaching staff, an advisory committee, and work site supervisors.

CP000117 $153,314 Gunderson

Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.

PROJECT DIRECTOR: Sheller, Ines
ORGANIZATION: Miami-Dade Community Coll., Fla. New World Center Campus.
ADDRESS: 300 N.E. 2 Avenue, Miami, FL 33132. (305) 577-6740
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Eduation (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Florida Congressional District Number 15
GRANT: OEG-00-78-02640
PROJECT: 588AH80004
FY78-$153,314 30-Aug-78 TO 29-Aug-79
DESCRIPTORS: *Adult Vocational Education, *Bilingual Education, *Business Education, *Cubans, English (Second Language), Junior Colleges, Spanish Speaking

The purpose of this continuing program is to identify and engage 100 unemployed or underemployed Hispanic citizens of limited English-speaking ability in a comprehensive one-year bilingual occupational training program and prepare them to work as subprofessionals in the fields of accounting, banking, and finance. The program will be conducted at an outreach training facility located in an area with high concentration of individuals from the identified target group. Student recruitment will be handled primarily by way of bilingual media-advertisement and coordination with various community agencies already working with the target population. Pre-admission counseling will be the responsibility of the coordinator of training support services and two occupational counselors. Special effort will be undertaken to contact high school graduates. Occupational interest tests and occupational aptitude tests will be available. A bilingual/bicultural approach to occupational training will be used to increase trainee achievement in major content areas, increase proficiency in the native and second languages, and develop positive self-concepts. The major aspects of the curriculum design are subject content, language proficiency, and instructional support. This year, the project budget will be restructured to include tuition allowances for the enrollees. It is anticipated that the project will result in increased employment or educational mobility for graduates and improved services to Miami's Spanish-speaking population. In addition, the bilingual instructional approaches to occupational training developed will be available for use by other institutions.

CP000118 $111,527 Gunderson

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.

PROJECT DIRECTOR: Cruz, Juan C.
ORGANIZATION: Elgin Community Coll., Ill.
ADDRESS: 1700 Spartan Drive, Elgin, IL 60120. (312) 697-1000, Ext. 314
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Illinois Congressional District Number 13
GRANT: OEG-00-78-02639
PROJECT: 558AH80082
FY78-$111,527 28-Aug-78 TO 27-Aug-79
DESCRIPTORS: Adjustment (to Environment), *Adult Vocational Education, Basic Skills, *Bilingual Education, *English (Second Language), Entry Workers, *Plastics, *Spanish Speaking, Trade and Industrial Education, Underemployed, Unemployed

The primary objective of this ongoing project is to identify, recruit, assess, train, and place eighty unemployed or underemployed Spanish-speaking residents in entry-level positions in the plastics industry in the Chicago area. Instruction will be provided in English-as-a-Second-Language, plastics skill training, and acculturation. This year, as a result of the U.S. Office of Education recommendations, these three elements will be integrated into one concept, Plastics English-as-a-Second Language (P/ESL). The addition of an eight-week, pre-P/ESL component will provide participants with the opportunity to improve their basic skills in math, English, reading, and writing. Spanish instruction will be added for illiterate Spanish-speaking students during sixty-four contact hours. Four training cycles having twenty participants each will meet for 400 hours over a period of twenty weeks. Staff development and project evaluation will be conducted. The language laboratory at the college will be used for reinforcement and self-directed learning. Teaching methods such as situational reinforcement, the direct method, and role playing will be emphasized. Expected contributions to education will include (1) placing seventy trained, Spanish-speaking persons in plastics industries; (2) creating industrial and college awareness of the need for bilingual vocational training; (3) assisting industry in meeting its affirmative action goals; and (4) increasing the adjustment of Spanish-speaking residents to Anglo society.

CP000119 $91,648 Gunderson

Bilingual Training Program in Housing Maintenance and Repair Skills.

PROJECT DIRECTOR: Diaz, Rafael
ORGANIZATION: Bronx Community Coll., N.Y.
ADDRESS: University Avenue and W. 181 Street, Bronx, NY 10453. (212) 220-2915
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New York Congressional District Number 22
GRANT: OEG-00-78-02945
PROJECT: 558AH80068
FY78-$91,648 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Bilingual Education, Community Colleges, English (Second Language), Post Secondary Education, *Spanish Speaking, *Trade and Industrial Education

This continuing program will (1) provide inservice education to 100 Spanish-speaking trainees to equip them with the housing maintenance and repair skills requisite to job mobility; (2) impart to the unemployed or preservice Spanish-speaking trainees the skills needed to secure employment as handymen, maintenance men, or superintendents; (3) heighten the occupational and

educational potential of trainees through the recruitment and hiring of one bilingual job developer/counselor who will actively work with employers and trainers on behalf of trainees; and (4) encourage program replication through the dissemination of locally developed curriculum materials. The plan for fiscal year 1979 is to maintain program components whose impact has been positive and to restructure those components whose impact has been less than optimum. Accordingly, six cycles of vocational skills training will be offered for a total of 576 hours (i.e., six hours per week for sixteen weeks) and coordinated with six cycles of English-as-a-Second-Language (ESL) instruction for a total of 576 hours. Approximately fifteen trainees will be accommodated in each combined vocational skills/ESL cycle, thereby permitting the training of approximately 90-100 trainees during the project period. Counseling and job placement, development, and referral services will remain in place, and with the addition of a part-time job developer to the staff of this essential supportive service component, it is anticipated that the project's current ninety-five percent rate of placement will remain steady. As a result of this project, it is anticipated that inservice and preservice housing personnel will acquire the skills needed to advance in their present positions or to better qualify for upcoming positions in community housing programs and building maintenance operation.

CP000120 $291,691 Gunderson

Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.

PROJECT DIRECTOR: Hsu, F. Richard
ORGANIZATION: China Inst. in America, New York, N.Y.
ADDRESS: 125 E. 65th Street, New York, NY 10021. (212) 744-8181
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New York Congressional District Number 18
GRANT: OEG-00-78-01154
PROJECT: 588AH80070
FY78-$291,691 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Adult Vocational Education, *Bilingual Education, *Chinese Americans, Cooking Instruction, *Cooks, Food Service Occupations, Work Experience Programs

The objectives of this project are to (1) train 100 unemployed or underemployed Chinese Americans from low income families as professional chefs; (2) provide these individuals with English language training; (3) place these trained bilingual chefs in restaurants in New York City and throughout the nation in suburban communities as well as urban areas; (4) help reduce unemployment and underemployment in the Chinese American community and in the New York City metropolitan area; and (5) continue developing a replicable model for a bilingual culinary program designed to service individuals with very little formal education. The program will consist of three training periods of ten weeks each, with thirty-three or thirty-four trainees per period. A total of 840 hours will be divided into classroom instruction and field practice. Major areas of instruction will include English for individuals with limited English-speaking ability, kitchen practice, and restaurant management and related subjects. Participants will have the opportunity to practice their English as they take part in field trips to major hotels, equipment factories, and other businesses both within and outside of New York City. Tutoring sessions will be available after hours, and placement counseling will be stressed. An evaluation team, comprised of outside experts in the ESL and restaurant fields, will assess the degree of program success.

CP000121 $127,903 Gunderson

A Program to Train Bilingual Vocational Chef Instructors.

PROJECT DIRECTOR: Hsu, F. Richard
ORGANIZATION: China Inst. in America, New York, N.Y.
ADDRESS: 125 East 65th Street, New York, NY 10021. (212) 744-8181
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New York Congressional District Number 18
GRANT: OEG-00-78-00018
PROJECT: 558AH80011
FY78-$127,903 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Bilingual Education, *Bilingual Teachers, *Chinese Americans, *Cooks, Program Evaluation, *Teacher Education

The objectives of this project are to (1) train ten Chinese chefs as bilingual chef instructors; (2) provide a pool of trained personnel capable of staffing bilingual vocational programs for Chinese chefs; (3) make it possible to start additional bilingual chef training programs which will help meet the personnel needs of the Chinese restaurant industry; and (4) make it possible for more unemployed and underemployed Chinese to enter bilingual vocational training programs by filling the need for trained personnel to staff these programs. The training program for participants will last thirty-three weeks and will include instruction and practice teaching. Trainees will be prepared to serve as bilingual (Chinese and English) instructors in bilingual vocational training programs and will receive a traineeship of one hundred dollars weekly. The overall time schedule of the plan has been carefully worked out to coincide with the China Institute's 1978-79 bilingual vocational program to train Chinese chefs. Thus, chef instructor trainees will enter the program at the same time as Group I vocational trainees. They will begin supervised practice teaching when Group II vocational trainees enter the program. Trainees will practice teach under observation and complete their own classwork with Group III vocational trainees. Evaluation methodology will include a panel review, testing of participants, and restaurant proprietors'/head chefs' reviews.

CP000122 $237,989 Gunderson

Chinese English Bilingual Para-Professional Training Program.

PROJECT DIRECTOR: Yuen, Po S.
ORGANIZATION: Chinatown Manpower Project, New York, N.Y. Bilingual Dept.
ADDRESS: 70 Mulberry Street, New York, NY 10013. (212) 571-1691
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New York Congressional District Number 17
GRANT: OEG-00-78-01415
PROJECT: 588AH80014
FY78-$237,989 30-Aug-78 TO 29-Aug-79
DESCRIPTORS: *Adult Vocational Education, *Bilingual Education, *Chinese Americans, Cross Cultural Training, English (Second Language), *Office Occupations Education, *Paraprofessional Personnel

The objective of this continuing program is to provide Chinese immigrants with intensive skill training in the para-legal and para-accounting fields, as well as in English and bicultural background. Seventy-two trainees will participate in the twenty-four week program, which will be conducted each weekday for seven hours. Program modifications this year will include an expanded course in office skills. Through this course,

typing and adding machine training will be added to the curriculum. The bicultural course, "Comparative Studies in Chinese and American Culture," is designed to help the Chinese immigrants learn more about the American way of life, character, government, and attitudes. A counseling component will be concerned with helping the trainees with their work adjustment problems, academic, vocational, family, or any other personal problems. Counseling will be conducted in groups in the classroom, as well as individually in a private office setting. The project will use both external and internal evaluation. Information for the internal evaluation will be obtained from questionnaire surveys, participants, instructors, and alumni. The Asian Bilingual Institute Evaluation Team will conduct the external evaluation.

CP000123 $59,308 Gunderson

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.

PROJECT DIRECTOR: Gilliland, J. R.
ORGANIZATION: Canadian Valley Area Vocational-Technical School District 6, El Reno, Okla.
ADDRESS: P.O. Box 579, El Reno, OK 73036. (405) 262-2629
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 6
GRANT: OEG-00-78-01955
PROJECT: 558AH80028
FY78-$59,308 30-Aug-78 TO 29-Aug-79
DESCRIPTORS: *Adult Vocational Education, *Auto Mechanics, *Bilingual Education, Correctional Education, *Correctional Rehabilitation, *English (Second Language), *Food Service, *Mexican Americans

The purpose of this continued program is to provide, through the use of two vocational training programs, an opportunity to broaden occupational aspirations and abilities for forty-five to fifty incarcerated men of Mexican-American origin. Special emphasis will be placed upon residents with language, academic, socioeconomic, or other handicaps which prevent them from successfully competing in the job market. The primary objective will be to broaden and improve the students' vocational education with a secondary emphasis upon English-as-a-Second-Language (ESL). This will be done by incorporating the ESL material into the automotive repair and food service programs for four hours daily. Incentive pay will be provided for students and Mexican-American tutors to serve as a motivational factor for shop and classroom performance and instructional assistance. Each training program will last approximately five to six months. The maximum daily enrollment of students under the bilingual grant will be twenty-five for the combined programs. Through the guidance, instruction, and counseling of a bilingual instructor, many instructional barriers will be eliminated for the participants. Communication in job-related areas will be more effectively established and initial job placement upon release from the institution will be improved.

CP000124 $116,992 Gunderson

Bilingual Secretarial and Building Trades Training Projects.

PROJECT DIRECTOR: Langley, Steve
ORGANIZATION: Little Wound School Board, Kyle, S. Dak.
ADDRESS: Box 1, Kyle, SD 57752. (605) 455-2461
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: South Dakota Congressional District Number 2
GRANT: OEG-00-78-01155
PROJECT: 588AH80080
FY78-$116,992 01-Aug-78 TO 31-Jul-79
DESCRIPTORS: *American Indians, *Bilingual Education, Building Trades, *Carpenters, English (Second Language), Individualized Instruction, Office Occupations Education, Post Secondary Education, *Secretaries
IDENTIFIERS: Oglala Sioux

This project is designed to train two groups of unemployed Oglala Sioux in the areas of building trades and office work. In the building trades area, the primary objective is to raise fifteen interns one skill level in carpentry and enable them to function as carpenters' assistants. Since trainees' knowledge of carpentry will vary, the project will be designed to serve both experienced and inexperienced participants. Interns will acquire skills necessary to engage in basic building processes and to safely operate all common hand and power carpentry tools. Whatever the carpentry skill level, the language component will provide trainees enough exposure to spoken English generally and carpentry terms in particular so that interns can understand directions given in English, ask for further instructions, and otherwise communicate with non-Lakota speaking employees. In the bilingual secretarial area, six participants will be recruited who already possess fundamental skills necessary for employment, a good working knowledge of Lakota, and some grasp of English. Secretarial interns will be pretested in reading, writing, and typing of English and posttested in writing and reading English, translating in both directions, and typing in both languages. Activity logs will be maintained by the secretarial trainees. They will also take course work in early childhood education and in various federal, state, tribal, and welfare programs to familiarize them with government program operations with which they might be involved. An experiential, individualized instruction will be used, with each subject area taught for a block of time until a specified degree of skill has been reached. Evaluation will include analysis of feedback from trainees and staff, number of work blocks completed and skill levels attained, and the variety of jobs filled by participants.

CP000125 $142,139 Gunderson

Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics.

PROJECT DIRECTOR: Vasquez, Keta
ORGANIZATION: Crystal City Independent School District, Tex.
ADDRESS: 805 E. Crockett, Crystal City, TX 78839. (512) 374-2353
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 23
GRANT: OEG-00-78-01956
PROJECT: 588AH80067
FY78-$142,139 01-Sep-78 TO 31-Aug-79
DESCRIPTORS: *Adult Vocational Education, Auto Mechanics, *Bilingual Education, Building Trades, English (Second Language), *Mexican Americans, Office Occupations Education, On the Job Training, Spanish Speaking, Trade and Industrial Education

The purpose of this ongoing project is to provide bilingual training in the academic areas of communications and computation and in the vocational areas of office skills, general construction, and auto mechanics. The program is designed to assist the trainee to advance in present employment or enter employment in critical areas requiring academic and vocational skills. The proposed program of instruction will combine and coordinate related instruction with on-the-job training ex-

perience (practicum) or other occupational activities. The major ethnic population served by the project will be unemployed and underemployed Mexican Americans. Participants will receive counseling appropriate to their training and job aspirations. Upon completion of the program, participants will be able to demonstrate their communication skills in both English and Spanish as related to their vocational training. All trainees in the business-printing cluster will be given opportunity and encouragement to take the Merit System Examination required by the Texas Employment Commission.

CP000126 $201,694 Gunderson

Project to Train Bilingual Vocational Instructors.

PROJECT DIRECTOR: McKenty, Stuart B.
ORGANIZATION: Education Service Center Region 4, Houston, Tex.
ADDRESS: P.O. Box 863, Houston, TX 77001. (713) 868-1051
ORG TYPE: State/Local Education Agency
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 22
GRANT: OEG-00-78-00053
PROJECT: 558AH80008
FY78-$201,694 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Bilingual Education, *Counselor Training, *English (Second Language), Inservice Education, Instructional Design, Instructional Improvement, Navajo, *Spanish Speaking, *Staff Improvement, Vietnamese

The purpose of this project is to train existing staffs of selected institutions in bilingual approaches to vocational education. The selected institutions are committed to bilingual vocational education, have ongoing or emerging training programs, are in geographic areas with high concentrations of limited English speakers, and have bilingual staff members to be trained. The objectives are to (1) provide inservice training in vocational education to participants of four to six projects (located in Texas and the Southwest) funded under Title I, Part B, Subpart Three; the Hidalgo Jobs for P ogress program; seven postsecondary institutions in Te as; and two postsecondary institutions not in Texas; (2) train a minimum of thirty-five bilingual vocational teachers and a minimum of fifteen English-as-a-Second Language (ESL) teachers; (3) train ten vocational counselors in skills of counseling and job development employing bilingual methods; (4) enable staffs in training to produce bilingual vocational and English language curriculum in a minimum of five vocational skills; and (5) prepare an inservice program for replication by collecting materials on a computer and in central files. The initial effort will be toward establishing Spanish-English projects, but the replicability of the developed program will be tested by using the same approaches in both the Navajo and Vietnamese languages.

CP000127 $127,296 Gunderson

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.

PROJECT DIRECTOR: Culclosure, David
ORGANIZATION: San Antonio State Hospital, Tex.
ADDRESS: Box 23310, Highland Hills Station, San Antonio, TX 78223. (512) 532-8811, Ext. 405
ORG TYPE: OTH
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 20
GRANT: OEG-00-78-02528
PROJECT: 558AH80021
FY78-$127,296 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Adult Vocational Education, Auto Mechanics, *Bilingual Education, Clerical Workers, *English (Second Language), Food Service Workers, *Institutionalized Persons, Mental Illness, *Psychiatric Hospitals, Spanish Speaking, Unskilled Labor

The overall objective of this project is to promote the acquisition of bilingual vocational and literacy skills among the large number of Mexican-American youth and adult patients with limited English-speaking ability. Approximately twenty students each (eighty total) will be prepared in the areas of general clerical and office work, service station operation and minor auto repair, food service activities, and janitorial and housekeeping activities. Patients and outpatients who were unable to find gainful employment before institutionalization will be identified. Individualized instructional techniques will be used to present vocational education experiences to participants. These methods will include use of filmstrips and programmed texts. Bilingual education staff members will coordinate activities with the instructors responsible for providing the basic GED and ESL educational experiences. Extensive use will be made of tutors and volunteer aides in order to free the primary vocational education instructors for in-depth vocational instruction of the program participants. Students will be exposed to relevant, vocationally related written materials, thus helping improve their ability to read and interpret such materials in the dominant cultural language (English). Also enhanced will be their ability to communicate orally in English in the work situation. Formative evaluation will be used throughout the program, with a circular process being used to integrate evaluation into program planning and implementation.

CP000128 $130,280 Gunderson

Bilingual Vocational Training Program.

PROJECT DIRECTOR: Cantu, Arnoldo
ORGANIZATION: SER/Hidalgo Jobs for Progress, San Juan, Tex.
ADDRESS: P.O. Box 72, San Juan, TX 78589. (512) 787-5541
ORG TYPE: Nonprofit
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D. C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Texas Congressional District Number 15
GRANT: OEG-00-78-01156
PROJECT: 588AH80030
FY78-$130,280 01-Jul-78 TO 30-Jun-79
DESCRIPTORS: *Adult Vocational Education, *Bilingual Education, Bookkeeping, Career Awareness, *English (Second Language), Individualized Instruction, *Mexican Americans, Nurses Aides, Secretaries, Spanish Speaking, Welders

The objectives of this project are to (1) develop entry-level skills leading to jobs as bilingual secretaries, bookeepers, welders, and nurses' aides for 175 low-income, limited English-speaking persons; (2) develop English language skills related to these jobs so that participants can perform jobs in an English-speaking society; and (3) develop, through counseling, an awareness in participants of job opportunities in other regions of the country. A curriculum which integrates vocational and language skills of all program components will be developed. Participants will be pre- and posttested consistent with program objectives. Instruction will be individualized through the use of tutoring services and by allowing participants to progress at their own rates. Follow-up studies of program participants will be conducted upon completion of their training. As a result of this project, replicable, innovative bilingual methodologies and curricula will be developed and made available to other agencies or organizations working with bilingual vocational training programs. Responsive recruitment and placement methods, as well as bilingual guidance and counseling strategies, will be developed in a bilingual context.

CP000129 $295,968 Thiel

Bering Straits Eskimo Vocational Outreach Project.

PROJECT DIRECTOR: Frank, Doris E.
ORGANIZATION: Kawerak, Inc., Nome, Alaska. Vocational Training Div.
ADDRESS: Box 505, Nome, AK 99762. (907) 443-5231
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Alaska Congressional District Number 1
GRANT: OEG-00-78-C0085
PROJECT: 588AH80070
FY78-$295,968 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978-July 31, 1981.
DESCRIPTORS: Adult Vocational Education, *Alaska Natives, *Drafting, *Engines, *English Education, Human Dignity, Individual Needs, *Mathematics Instruction, *Metal Working Occupations, Skill Development, *Trade and Industrial Education

Through the combined efforts of Northwest Community College and Kawerak, Inc., a nonprofit affiliate of the Bering Straits Native Corporation, this project will develop and implement an onsite vocational training program for fifteen remote villages and the city of Nome in the Bering Straits region of Alaska. Specific objectives include the following: increasing and improving employment opportunities for natives, especially alienated youth and adult learners; assisting natives in assessing their abilities, vocational needs, and interests; and offering courses which will improve the natives' chances for acceptance into union apprentice training programs and which will allow them to acquire specialized technical training "outside" in order to be competitive in the labor market. Procedures include (1) conducting literature searches; (2) setting up programs in vocational mathematics, English, and drafting, as well as technical programs in construction, small engine service, diesel generator service, and metal trades (other potential areas of instruction will be based upon demand and need); (3) introducing the program and identifying potential students; and (4) training program personnel in the use of competency-based teaching materials. Besides immediate local benefits, the project will improve the health, safety, and general welfare of all people in the village communities and their development of a self-concept and sense of self-determination.

CP000130 $105,036 Thiel

Vocational Rehabilitation Service Provider's Training Project.

PROJECT DIRECTOR: Gorman, Nelson
ORGANIZATION: Chiniligi Alohini Idahoolaa, Inc., Chinle, Ariz.
ADDRESS: P.O. Box 1026, Chinle, AZ 86503. (602) 674-3451
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Arizona Congressional District Number 4
GRANT: OEG-00-78-C0081
PROJECT: 588AH80058
FY78-$105,036 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, *Custodian Training, *Developmental Disabilities, *Farm Occupations, *Handicrafts, *Home Economics Education, Paraprofessional Personnel, *Rehabilitation Programs, Special Education, Teacher Education, *Woodworking
IDENTIFIERS: Navajo (Tribe)

This project will provide comprehensive vocational rehabilitation services to developmentally disabled clients in the Navajo Indian reservation. Specific objectives are to provide vocational rehabilitation evaluations to a disabled population estimated at 10,000, using the Navajo language wherever feasible; and to provide vocational rehabilitation services to the clients in the following areas of training: farming, home economics, janitorial skills, laundry, woodworking, leathercrafts, ceramics, Navajo jewelry, and Navajo rugweaving. Procedures include establishing a two-year training program for paraprofessionals from neighboring areas so that they can work with physical therapists or occupational therapists in programs for the mentally retarded; and establishing courses for teachers, assistants, and vocational rehabilitation instructors in the following areas: Navajo literacy, Special Education Foundations (the understanding of mental retardation, neurological disorder, and emotional disturbance), child and Navajo child development, social issues proper to the Navajo family and society, the legal and human rights of citizens, testing and evaluation, and Navajo culture. This project specifically wishes to increase the earning potential and societal usefulness of the developmentally disabled Navajo population.

CP000131 $228,953 Gunderson

Choctaw Vocational Program.

PROJECT DIRECTOR: Shepherd, V. B.
ORGANIZATION: Mississippi Band of Choctaw Indians, Philadelphia. Tribal Dept. of Education.
ADDRESS: 471 Evergreen Street, Philadelphia, MS 39350. (601) 656-5813
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Mississippi Congressional District Number 4
GRANT: OEG-00-78-C0097
PROJECT: 588AH80042
FY78-$228,953 01-Sep-78 TO 31-Aug-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - August 31, 1981.
DESCRIPTORS: Adult Education Programs, *Agricultural Occupations, *American Indians, Bilingual Education, Career Education, Consumer Education, *Electrical Occupations, *Managerial Occupations, Performance Based Education, Personal Growth, *Trade and Industrial Education
IDENTIFIERS: Choctaw (Tribe)

This bilingual bicultural project seeks to train adult members of the Mississippi band of Choctaw Indians in management skills, wood trades, metal trades, agriculture/horticulture, and electricity/electronics. Support services will also be provided which include basic language instruction, personal development courses, and consumer and career education. The entire project will be operated as a private, nonprofit organization, whose goal would be eventual self-sufficiency. Trades training will be related to the products to be marketed, while small business training will be related to the management of those enterprises developed within the trades programs. Procedures will include identifying trainees; designing and implementing competency-based instructional modules, utilizing systems development principles for each of the programs; and correlating the efforts

of support services, management instructors, and trades courses. It is expected that the project will (1) relieve the chronic unemployment at the Choctaw reservation; (2) promote economic development by training small businessmen; (3) increase the responsiveness of the executive branch of the tribal government to the values and needs of the Choctaw people; and, in subsequent years, (4) identify additional vocational areas for training.

CP000132 $195,458 Thiel

Crow Tribe Vocational Training Program.

PROJECT DIRECTOR: Windyboy, Janine; Windyboy, Sam Vernon
ORGANIZATION: Crow Central Education Commission, Crow Agency, Mont.
ADDRESS: Box 370, Crow Agency, MT 59022. (406) 638-2228
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional District Number 2
GRANT: OEG-00-78-C0167
PROJECT: 588AH80006
FY78-$195,458 01-Sep-78 TO 31-Aug-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - August 31, 1981.
DESCRIPTORS: *American Indians, *Business Education, Experiential Learning, *Health Occupations Education, *Office Occupations Education, *Printing, *Vocational Agriculture
IDENTIFIERS: Crow (Tribe)

This program will provide a forty-eight week vocational instructional training program to eighty-four Crow tribal members in the five areas of vocational-business, clerical typist, vocational-agriculture, community health technician, and off-set printing. Procedures will consist of providing locally-based courses, with Crow-speaking teachers in as many fields as possible, and designing both internal and external evaluation systems. Teaching methods will include lectures, small group task training, field trips, and on-the-job placement. Expected benefits are (1) provision of a secure learning environment because of the Crow-speaking teachers and onsite course offerings; (2) certification of program trainees in all five areas; (3) anticipated employment of more than ninety percent of the technical program graduates; and (4) an increased economic base for the Crow nation.

CP000133 $161,349 Thiel

Fort Belknap Vocational Education Project.

PROJECT DIRECTOR: Swan, Robert J.
ORGANIZATION: Fort Belknap Community Council, Harlem, Mont. Dept. of Education.
ADDRESS: Fort Belknap Agency, Harlem, MT 59526. (406) 353-2205, Ext. 267
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional District Number 2
GRANT: OEG-00-78-C0103
PROJECT: 588AH80028
FY78-$161,349 15-Sep-78 TO 14-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 15, 1978 - September 14, 1981.
DESCRIPTORS: Administrator Education, *Adult Education, *American Indians, Curriculum Development, Evaluation Methods, *Inservice Teacher Education, *Job Placement, *Leadership Training, Student Behavior, *Vocational Counseling

This project will design, implement, and evaluate a three-year comprehensive vocational education program for the Fort Belknap Reservation which will provide career counseling and job placement services for adults and youths; inservice training for the reservation-wide education committee, project staff, and tribal staff; and classes in community leadership and adult and vocational education. Procedures will include training project staff through inservice instruction (courses in vocational opportunities for Indians, curriculum development of vocational education materials, the psychology of the Indian student, human potential training, board training, proposal writing and grantsmanship, and evaluation models and techniques) and field study and workshops at the reservation/education conference in Montana. The evaluation procedure will be the Stufflebeam CIPP (content, inputs, process, product) method. The project will disseminate its findings through pamphlets and news releases. This project will provide to over 1,500 eligible youth and adults educational services which are currently not being provided by the public schools.

CP000134 $147,357 Thiel

Northern Cheyenne Business/Management Occupation Training Program.

PROJECT DIRECTOR: Rowland, James
ORGANIZATION: Dull Knife Memorial Coll., Lame Deer, Mont.
ADDRESS: P.O. Box 206, Lame Deer, MT 59043. (406) 477-6219
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional District Number 2
GRANT: OEG-00-78-C0107
PROJECT: 588AH80029
FY78-$147,357 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - September 30, 1981.
DESCRIPTORS: *American Indians, *Business Education, *Junior Colleges
IDENTIFIERS: Cheyenne (Tribe)

This project will establish a two-year postsecondary training program on the reservation for the Northern Cheyenne Indians in business control and management which will allow transfer to a four-year business degree program or entry into the job market. Procedures include (1) identifying and placing twenty-five new trainees for the business occupations/management training program; (2) hiring two instructors to teach bookkeeping/accounting, business communications, and records keeping and management skills; (3) hiring four consultants, a banker, and three businessmen, who will provide ten days of business training; and (4) utilizing job descriptions and work requirements to set up course schedules and the types of presentations to be given by consultants. Expected benefits of this project are the provision of a pool of trained reservation people to fill positions in other tribal organizations, reduction of reservation unemployment, and an increase in the educational level of the reservation population.

CP000135 $182,477 Thiel

Salish Kootenai Vocational Education Training Program.

PROJECT DIRECTOR: McDonald, Joseph
ORGANIZATION: Confederated Salish and Kootenai Tribes, Pablo, Mont. Tribal Education Dept.
ADDRESS: Box 278, Pablo, MT 59855. (406) 675-4650
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington,

D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional District Number 1
GRANT: OEG-00-78-C0083
PROJECT: 588AH80049
FY78-$182,477 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, *Auto Mechanics, *Business Education, *Child Care Occupations, *Finance Occupations, *Office Occupations Education, *Vocational Counseling, *Welding
IDENTIFIERS: Flathead (Tribe), Salish Kootenai (Tribe)

This three-year program seeks to establish Salish-Kootenai training programs in corporate and business management, finance, secretarial and office administration, automotive repair, carpentry, welding, and day care, along with providing comprehensive tribal vocational counseling. During each year of the three-year program, the project staff hopes to graduate a total of 100 students from the combined programs. Procedures will include (1) planning and implementing each of the vocational course offerings for delivery in Dixon, Pablo, Ronan, and Polson in tribally owned facilities; (2) identifying prospective trainees; and (3) establishing college credit for the program trainees through Flathead Valley Community College. While lessening the number of unemployed tribal members, the program will increase the management and finance skills of sixty tribal members, thus increasing their effectiveness in administering tribal programs. Eventually it will increase tribal corporate and business enterprises, promoting a greater sense of self-worth among the Salish and Kootenai.

CP000136 $139,140 Thiel

Fort Peck Community College Vocational Education Program.

PROJECT DIRECTOR: McAnally, Robert
ORGANIZATION: Fort Peck Community Coll., Poplar, Mont.
ADDRESS: P.O. Box 575, Poplar, MT 59255. (406) 768-5106
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Montana Congressional District Number 2
GRANT: OEG-00-78-00105
PROJECT: 588AH80031
FY78-$139,140 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years.
DESCRIPTORS: *American Indians, *Auto Mechanics (Occupation), *Business Education, Community Colleges, Employment Opportunities, Government School Relationship, *Health Occupations Education, Junior Colleges, *Program Development, Program Evaluation, School Community Relationship, *Trade and Industrial Education
IDENTIFIERS: Assiniboine (Tribe), Sioux (Tribe)

This project will develop, implement, and evaluate postsecondary vocational education programs in health, science, carpentry, plumbing, business, auto mechanics, and supportive services for 160 people at Fort Peck Reservation. It will establish a vocational education component in the Fort Peck Reservation. It will also establish a vocational education component in the Fort Peck Community College to assure continuity of the vocational programs; develop existing or new job opportunities locally for graduates of the program; and strengthen or establish new working relationships with federal, state, and local educational agencies. Preliminary procedures will include recruiting and screening staff members, determining the needs of staff and then providing inservice training, and determining the needs of the reservation. Evaluation will be conducted on a continuous basis both internally and externally (by evaluators from Miles Community College and Indian Development Education Alliances, Inc.). By reducing the high unemployment and school drop out rates and raising the level of academic achievement among the Assiniboine and Sioux Indians, this project will increase the employability of these tribes and will directly benefit the economic base of the reservation.

CP000137 $141,788 Thiel

"You Show Me, I'll Learn": A Vocational Training Program.

PROJECT DIRECTOR: Bednark, Jim; Howard, Linda
ORGANIZATION: Yerington Paiute Tribe, Nev.
ADDRESS: 171 Campbell Lane, Yerington, NV 89447. (702) 463-3301
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Nevada Congressional District At Large
GRANT: OEG-00-78-C0106
PROJECT: 588AH80012
FY78-$141,788 01-Oct-78 TO 30-Sep-79
DESCRIPTORS: *American Indians, Apprenticeships, Auto Mechanics, Industrial Arts, Job Placement, *Program Development, *Trade and Industrial Education, Welding
IDENTIFIERS: Paiute (Tribe)

This project will develop a trained tribal work pool of Yerington Paiutes to staff and stimulate future tribal enterprises, in order to insure tribal self-sufficiency. Specifically, the project will establish vocational education programs in welding, general mechanics, and cultural arts. Five second-year apprentices will be trained in advanced arc welding techniques; five apprentices will be trained in basic vehicular mechanics; and five apprentices will be trained in beading, basketry, and hide tanning. Education procedures include hands-on training (sixty percent), classroom text instruction (twenty percent), and computer simulation and instruction (twenty percent). The tribe has leased a subscription to Control Data Corporation's Plato computer system and will use previously developed computerized learning packages. Evaluative criteria for program success include the satisfactory completion of training by apprentices and the placement of seven apprentices in local businesses. The program will ease the chronic unemployment of the Yerington Paiutes as well as raise the economic base of the reservation.

CP000138 $83,051 Thiel

Canoncito Career Vocational Program.

PROJECT DIRECTOR: Thompson, Grayce
ORGANIZATION: Canoncito Community School Board of Education, Inc., Albuquerque, N. Mex.
ADDRESS: P.O. Box 7566, Albuquerque, NM 87194. (505) 831-6993, Ext. 267
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Mexico Congressional District Number 2
GRANT: OEG-00-78-C0219
PROJECT: 588AH80056
FY78-$83,051 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - September 30, 1981.
DESCRIPTORS: *American Indians, Career Exploration, Occupational Choice, *Occupational Clusters, *School Industry Relationship, *Senior High Schools, *Work Experience Programs
IDENTIFIERS: Navajo (Tribe)

This project will provide Canoncito Navajo youth currently enrolled in grades 9-12 at West Mesa High School with some experience in making career choices, using the experience-exposure approach in cooperation with the Albuquerque business community. Students will be paired with workers in sixteen different occupational clusters so they can discover their interests, abilities, and needs and can then begin to determine their career options and the kind of postsecondary training they will need to realize those options. Procedures involve screening applicants and their parents for the program, counseling students to determine vocational preferences, finding the right career options among the Albuquerque positions available, and home visits by the businessmen who will serve as "models" over the two months of exposure-experience. There will be biweekly evaluations by the students and a final evaluation at the end of two months. The program will seek to raise the educational level of the community, insure the employability of a greater number of Canoncito youth, and serve as a "door opener" to many Albuquerque businesses which otherwise might be unaware of the Canoncito people and their specific needs for occupational training opportunities.

CP000139 $177,682 Gunderson

Ramah Navajo Vocational Training Project.

PROJECT DIRECTOR: Vicenti, Dan
ORGANIZATION: Ramah Navajo School Board, Inc., Pine Hill, N. Mex. Office of Federal Projects.
ADDRESS: Drawer B, Pine Hill, NM 87321. (505) 783-5054
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Mexico Congressional District Number 2
GRANT: OEG-00-78-C0220
PROJECT: 588AH80071
FY78-$177,682 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - September 30, 1981.
DESCRIPTORS: Adult Vocational Education, *American Indians, *Building Trades, *English (Second Language), *Office Occupations Education, Program Development, *Trade and Industrial Education, *Vocational Agriculture
IDENTIFIERS: Navajo (Tribe)

This project will design, implement, and evaluate a three-year vocational education program for 500 unemployed and underemployed members of the Ramah Navajo reservation, focusing on office occupations, basic and advanced construction trade skills, vocational agriculture, and English-as-a-Second Language. The project will be carried out by the Navajo Ramah school board, which doubles as the major employer of program graduates. Procedures will include providing hands-on training in typewriting, shorthand, telephone use, business writing, carpentry, masonry, blueprint reading, mathematics, plumbing, electricity, sheep dipping, combiotics, birthing, crop cultivation, and solar greenhouses, all in combination with English language training. Curriculum developed by the Mid-America Vocational Curriculum Consortium will be used in both the office trades and constructions skills programs. By providing career awareness, vocational training, and facility in the use of English, the project will create job opportunities for persons wishing to remain on the reservation and will impart skills so that those who wish to leave the reservation will be able to do so.

CP000140 $152,609 Thiel

Vocational Education for TMH Children.

PROJECT DIRECTOR: Begaye, Reginald A.
ORGANIZATION: A School For Me, Inc., Tohatchi, N. Mex.
ADDRESS: P.O. Box 273, Tohatchi, NM 87325. (505) 733-2200
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: New Mexico Congressional District Number 2
GRANT: OEG-00-78-C0082
PROJECT: 588AH80068
FY78-$152,609 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, Apprenticeships, *Custodian Training, *Farm Management, Handicapped Children, *Home Economics Education, Individualized Programs, *Trainable Mentally Handicapped, *Woodworking
IDENTIFIERS: Navajo (Tribe)

This three-year project, using the already existing vocational education program A School For Me, Inc., (ASMI), will design and implement a vocational education program for trainable mentally/physically handicapped (TMH) Navajo children concentrating on the world of work, farm management, custodial skills, woodworking, and housekeeping and culinary skills. Specific objectives include (1) formulating a philosphy of Navajo TMH vocational training during the first year of the project; (2) designing a TMH vocational education model which covers the areas of work attitudes, habits, application, vocational identification in a TMH context, and specific skill development; (3) providing a program of direct vocational education to fifty TMH students over a period of three years; (4) replicating the TMH model for other TMH programs; and (5) graduating five students per year. Procedures will include recruiting and hiring staff, providing staff with forty hours of academic and prevocational training, examining the existing ASMI curriculum for areas relevant to TMH training, selecting Navajo TMH students, implementing individualized education plans for each student, and placing graduating students in a sheltered workshop as apprentices. This project will provide the first Indian TMH vocational education model, will close the gap between academic training and sheltered workshop employment, and will show that vast numbers of Indian handicapped can escape "warehousing" and find semi-independent existences.

CP000141 $451,688 Thiel

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.

PROJECT DIRECTOR: La Fountain, Robert D.
ORGANIZATION: United Tribes Educational Technical Center, Bismarck, N. Dak. Education Dept.
ADDRESS: 3315 S. Airport Road, Bismarck, ND 58501. (701) 255-3285
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: North Dakota Congressional District At Large
GRANT: OEG-00-78-C0088
PROJECT: 588AH80048
FY78-$451,688 01-Sep-78 TO 31-Aug-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - August 31, 1981.
DESCRIPTORS: *American Indians, *Community Colleges, *Curriculum Development, Educational

Needs, Financial Needs, Junior Colleges, *Needs Assessment, *Teacher Certification

A three-year joint effort of the United Tribes Educational and Technical Center (UTETC), Fort Berthold Community College (FBCC), Turtle Mountain Community College (TMCC), and Little Hoop Community College (LHCC), the project will, in its first year, (1) assess the educational and financial needs of its thirty-four member reservations, (2) develop and standardize curricula for the American Indian and a certificate for vocational teachers, (3) research those areas for which training is needed on the reservations, and (4) begin to examine the possibilities for long-term reservation economic growth. At the same time DISCOVER will establish the following vocational programs; at UTETC, photo-journalism, diesel engines, and heating, ventilating and air conditioning programs; at FBCC, farm and ranch management and electronics; at LHCC, business and farm management. TMCC will also expand its program in business management. The project will establish standards for the certification of teachers, which will increase the effectiveness of the vocational education programs and the ease of gaining accreditation from state and federal agencies. It will also lessen unemployment by providing needed training and education.

CP000142 $244,830 Thiel

Cheyenne - Arapaho Vocational Education and Program Improvement Project.

PROJECT DIRECTOR: Berlin, William
ORGANIZATION: Cheyenne - Arapaho Tribes of Oklahoma, Concho. Dept. of Education.
ADDRESS: P.O. Box 38, Concho, OK 73022. (405) 262-6332; (405) 262-2443
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 6
GRANT: OEG-00-78-00084
PROJECT: 558AH80073
FY78-$244,830 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, *Building Trades, *Business Education, Guidance Counseling, Mobile Classrooms, *Office Occupations Education, *Program Development, Teacher Education, Trade and Industrial Education
IDENTIFIERS: Arapaho (Tribe), Cheyenne (Tribe)

This project will establish vocational education programs in the building trades, office occupations, and accounting/computing skills for those Native Americans living in the former Cheyenne-Arapaho reservation area in western Oklahoma, including those handicapped, unemployed, or underemployed. General program procedures include (1) choosing qualified people from industry and providing them with inservice training as teachers; (2) using the performance-based curricula designed for each occupational category by the State Department of Vocational and Technical Education; and (3) hiring a full-time counselor to handle personal and occupational adjustment problems, career decision problems, and placement. Specific procedures for the building trades include on-the-job trainee evaluations; paying trainees the minimum federal wage; and, as a final project, letting the trainees build a house. For both the office occupations and the accounting/computer skills courses, mobile learning vans will be used, each equipped with fifteen learning stations. This program will provide sixty trainees with entry level skills, establish new liaisons with the business community both on and off the reservation, and raise the economic development of an exceedingly disadvantaged area.

CP000143 $140,107 Gunderson

Kickapoo Vocational-Technical Education Program.

PROJECT DIRECTOR: Davis, Gary
ORGANIZATION: Kickapoo Tribe of Oklahoma, Melond.
ADDRESS: P.O. Box 58, Melond, OK 74851. (405) 964-2071
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 4
GRANT: OEG-00-78-C0111
PROJECT: 588AH80018
FY78-$140,107 01-Sep-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - July 31, 1981.
DESCRIPTORS: *Adult Basic Education, *Adult Vocational Education, *American Indians, English (Second Language), *Job Placement, Language Skills, *Program Development
IDENTIFIERS: Kickapoo (Tribe)

This project seeks to establish a language skills program at Gordon Cooper Area Vocational School for disadvantaged Kickapoo Indians who speak little or no English; select fifteen such Kickapoos for the program; supply them with 1,386 hours of vocational education in basic language skills, basic mathematics skills, and machine shop training; and assist them in finding work as machine operators. Procedures will include (1) conducting literature reviews of programs in language skills for native Americans; (2) testing and evaluating forty-six adult reading assignments using as topics facets of Kickapoo cultural life; (3) recruiting, screening, and testing potential trainees; (4) giving all applicants the General Aptitude Test Battery; (5) registering graduate trainees with the job developer of the Central Tribes' CETA Program; (6) setting appointments for trainees and accompanying them to interviews with the job developer; (7) assisting trainees in developing their resumes and/or in filling out job applications; and (8) working with trainees, the job developer, and program personnel until each trainee is placed in a job. While developing a model project which can be replicated in other areas, this project will improve both the economic positions of the trainees and their families and the relations between the Indian and non-Indian communities.

CP000144 $45,015 Thiel

Native American Vocational Assessment Project.

PROJECT DIRECTOR: Wheeler, James D.
ORGANIZATION: Central Tribes of the Shawnee Area, Inc., Okla. Employment and Training Dept.
ADDRESS: 624 N. Broadway, Shawnee, OK 74801. (405) 275-4870
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Oklahoma Congressional District Number 4
GRANT: OEG-00-78-C0104
PROJECT: 588AH80045
FY78-$45,015 01-Oct-78 TO 30-Sep-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: October 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, Career Education, Evaluation Methods, *Guidance Counseling, Job Placement, Orientation, *Program Improvement, *Staff Improvement, Testing
IDENTIFIERS: Potawotami (Tribe), Shawnee (Tribe)

This program seeks to improve the effectiveness of

vocational education to Native Americans by evaluating the testing, orientation, and guidance counseling procedures in three large training programs, those offered by the Central Tribes of the Shawnee Area, by the Oklahoma Potawotami, and by the Bureau of Indian Affairs. Specifically, the program hopes to (1) improve the current success rate from forty-four percent to sixty-six percent for those Indians participating in vocational training programs; (2) improve the training-related placement of Indians from sixty-two to seventy-two percent; (3) collect data leading to a determination of the most effective testing, guidance, and counseling procedures used in Native American vocational education; and (4) train the professional staff of the Central Tribes of the Shawnee Area and of other tribes so they can establish and maintain their own vocational and placement services. Procedures include the development and administering of testing, orientation, and guidance procedures for 250 Indians per year, the training of fifteen workers in Indian vocational education, and the collection of testing and follow-up data on all Indians enrolled in the Shawnee vocational program. This program is designed to engender testing orientation and counseling procedures that will directly benefit every Native American enrolled in a vocational training program.

CP000145 $170,844 Thiel

Vocational Education for the Oglala Sioux.

PROJECT DIRECTOR: Kline, Al
ORGANIZATION: Oglala Sioux Community Coll., Pine Ridge, S. Dak. Academic Div.
ADDRESS: Box 439, Pine Ridge, SD 57770. (605) 867-5847
ORG TYPE: College/University
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: South Dakota Congressional District Number 2
GRANT: OEG-00-78-C0086
PROJECT: 588AH80069
FY78-$170,844 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *Adult Basic Education, *Adult Vocational Education, Agricultural Education, *American Indians, Building Trades, Business Education, Guidance Counseling, Job Placement, Medical Education, Nursing, *Program Development, Trade and Industrial Education
IDENTIFIERS: Oglala Sioux (Tribe)

This three-year program will provide a six-year comprehensive development plan for providing vocational education programs in agriculture, nursing, business (secretarial), and building construction for the adult Oglala Sioux at Pine Ridge Reservation. Pine Ridge residents will be involved at all levels of the planning, implementation, and evaluation stages of the project. First-year procedures include renovating old and building new classrooms; developing a vocational education curriculum which stresses remedial reading, writing, and computation skills; and creating a syllabus which emphasizes the Indian heritage. In the second year, the four vocational programs will begin, each with an expected minimum enrollment of twenty-five students. The project will then provide guidance and counseling services, aptitude testing, therapeutic services, consumer and legal counseling, actual work crew experience, and vocational placement for all trainees. In the final year of the project, the first trainees will graduate, and enough community college financial committment to the development program is anticipated to allow a new group of trainees to enroll in the next two-year vocational program cycle. This program will provide Sioux adults with salable skills both off and on the reservation, improve the Pine Ridge labor force, and establish a model program of native American vocational education.

CP000146 $422,775 Thiel

Lummi Indian School of Aquaculture and Fisheries.

PROJECT DIRECTOR: Poole, Richard
ORGANIZATION: Lummi Indian School of Aquaculture and Fisheries, Lummi Island, Wash.
ADDRESS: P.O. Box 11, Lummi Island, WA 98262. (206) 758-2368
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Washington Congressional District Number 2
GRANT: OEG-00-78-C0087
PROJECT: 588AH80063
FY78-$422,775 01-Aug-78 TO 31-Jul-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: August 1, 1978 - July 31, 1981.
DESCRIPTORS: *American Indians, Biology Instruction, Fisheries, Junior Colleges, *Management Education, *Marine Biology, *Water Resources
IDENTIFIERS: Lummi (Tribe)

This ongoing project seeks to continue the Lummi Indian School of Aquaculture and Fisheries at Bellingham which serves all American Indian tribes. The school's specific objectives are to (1) promote education for northwest Indian tribes, (2) assist other Indian tribes in water resources and fishery management; and (3) develop species which have aquaculture potential. Procedures include making full use of Lummi Island, an unpolluted area within which can be found most types of fishery or aquaculture operation that can exist from California to Alaska. Specific program procedures include the following: screening every applicant through psychological and aptitude testing and counseling; making use of the hands-on classroom curricula already developed and evaluated at Lummi; paying a maintenance allowance of $3,000 to $3,500 a year per trainee; and providing trainees with on-the-job training, subsidized service employment, and follow-up and supportive services. As demonstrated by the ease with which the program has placed previous graduates as trained Indian aquaculture managers, this program can train managers to work on their reservations or at well-paying jobs throughout the continental United States.

CP000147 $166,393 Thiel

LCO Vocational Education and Occupational Skills Training Program.

PROJECT DIRECTOR: St. Germaine, Rick
ORGANIZATION: Lac Courte Oreilles Tribal Governing Board, Hayward, Wis.
ADDRESS: Route 2, Hayward, WI 54843. (715) 634-8934
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Wisconsin Congressional District Number 9
GRANT: OEG-00-78-C0112
PROJECT: 588AH80043
FY78-$166,393 01-Sep-78 TO 31-Aug-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - August 31, 1981.
DESCRIPTORS: *American Indians, Apprenticeships, *Business Education, Elementary Secondary Education, *Home Economics Education, *Industrial Education, Interinstitutional Cooperation, Job Skills, *Program Development
IDENTIFIERS: Lac Courte Oreille (Tribe)

Based in Hayward, Wisconsin, and directed to Lac Courte Oreilles students and adults, this continued program seeks to design, implement, and evaluate a com-

prehensive program of general vocational education and occupational training in industrial arts, home economics, and business education and to correlate training with existing business opportunities. A joint effort of the University of Wisconsin at Stout, the Lac Courte Oreilles Ojibwa High School, and the Vocational Technical Adult Education System, this program will (1) assess curriculum and design a program which effectively coordinates needs and training; (2) develop a general vocational education and vocational skills program which offers a capstone modification of a general vocational education model, incorporates a cooperative program of apprenticeship, and designs its courses around the tribe's overall economic development plan; and (3) effectively recruit Indian adults and provide for close monitoring and follow-up procedures for determining the program's worth. Once implemented, this program will create more employable Ojibwas, will assist in the economic development of the Lac Courte Oreilles reservation, and will familiarize Indian students in grades K-12 with the world of work.

CP000148 $1,530,819 Thiel

Wind River Vocational Education.

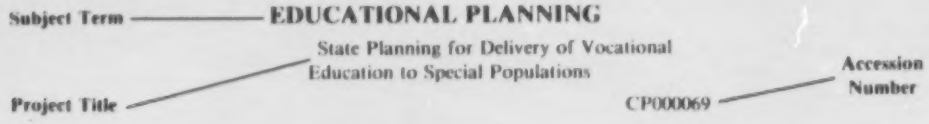
PROJECT DIRECTOR: Cannon, Paul
ORGANIZATION: Wind River Indian Education Association, Inc., Ethete, Wyo.
ADDRESS: P.O. Box 145, Ethete, WY 82520. (307) 332-4248
ORG TYPE: Indian Tribe
RESPONSIBLE AGENCY: Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
GEOGRAPHIC LOCATION: Wyoming Congressional District Number At Large
GRANT: OEG-00-78-C0096
PROJECT: 588AH80057
FY78-$1,530,819 01-Sep-78 TO 31-Aug-79
NOTE: Total project dollars do not reflect projected monies for continuing years. Project funding period: September 1, 1978 - August 31, 1981.
DESCRIPTORS: *Adult Vocational Education, *American Indians, Audiovisual Aids, *Business Education, *Program Development, Senior High Schools, *Trade and Industrial Education
IDENTIFIERS: Arapahoe (Tribe), Shoshone (Tribe)

This three-year project seeks to establish and evaluate a vocational education program in carpentry, electrical occupations, plumbing, auto mechanics, secretarial skills, and audiovisual equipment for the Arapahoe and Shoshone tribes which live around Ethete. Procedures will include (1) giving interest tests to area Indian high school students and channeling them into the desired vocational program; (2) recruiting adult Indians; (3) providing counselors who will insure student continuity by monitoring the programs and by maintaining a list of employers and current trainees, and who will arrange interviews and pregraduation visits to businesses; (4) providing field work for advanced students; and (5) providing counseling for those Indians who may wish to go into business for themselves. The program will be evaluated by examining how effectively it has met the compliance requirements, how effectively its various segments were managed, and how effectively it operated, according to those students, administrative personnel, school board members, and parent advisory committee members who were directly involved with it. The program will increase the number of employable Indians and the opportunities for economic development of the Shoshone and Arapahoe tribes.

SECTION II. INDEXES

SUBJECT INDEX

his index lists the titles of projects under the major subject terms that have been assigned to indicate project content. The subject terms are en from the *Thesaurus of ERIC Descriptors* and are listed in alphabetical order. (Note: projects in this publication are in the broad area of Voca-nal Education; "Vocational Education" is not used as a major descriptor except to occasionally clarify project content.)
As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project ı be found under that number in the Resume Section.



Abstracts

Annual Reports of Federal and State-Administered Projects.
CP000106

Academic Standards

Standards for Industrial Arts Education Programs.
CP000076

Administrative Personnel

Development of a Directory of Women Administrators in Vocational Education.
CP000090

Administrator Guides

Developing Evaluation Handbooks for Vocational Education.
CP000108

Administrator Selection

Increasing Sex Fairness in Vocational Education.
CP000085

Adult Basic Education

Kickapoo Vocational-Technical Education Program.
CP000143

Vocational Education for the Oglala Sioux.
CP000145

Adult Counseling

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Adult Education

Fort Belknap Vocational Education Project.
CP000133

Adult Vocational Education

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Bilingual Vocational Dental Assistant Training.
CP000114

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics.
CP000125

Bilingual Vocational Training Program.
CP000128

Chinese English Bilingual Para-Professional Training Program.
CP000122

Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Kickapoo Vocational-Technical Education Program.
CP000143

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Vocational Education for the Oglala Sioux.
CP000145

Wind River Vocational Education.
CP000148

Adults

Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Advanced Programs

Advanced Study Center.
CP000091

Advanced Study Centers

Advanced Study Center.
CP000091

Agricultural Occupations

Choctaw Vocational Program.
CP000131

Alaska Natives

Bering Straits Eskimo Vocational Outreach Project.
CP000129

Americsn Indians

Bilingual Secretarial and Building Trades Training Projects.
CP000124

Canoncito Career Vocational Program.
CP000138

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Choctaw Vocational Program.
CP000131

Crow Tribe Vocational Training Program.
CP000132

Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Fort Belknap Vocational Education Project.
CP000133

Fort Peck Community College Vocational Education Program.
CP000136

Kickapoo Vocational-Technical Education Program.
CP000143

LCO Vocational Education and Occupational Skills Training Program.
CP000147

Lummi Indian School of Aquaculture and Fisheries.
CP000146

Native American Vocational Assessment Project.
CP000144

Northern Cheyenne Business/Management Occupation Training Program.
CP000134

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Ramah Navajo Vocational Training Project.
CP000139

Salish Kootenai Vocational Education Training Program.
CP000135

Vocational Education for the Oglala Sioux.
CP000145

Vocational Education for TMH Children.
CP000140

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Wind River Vocational Education.
CP000148

"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Annotated Bibliographies

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Armed Forces

Armed Services Materials Conversion.
CP000071

Attitudes

Increasing Sex Fairness in Vocational Education.
CP000085

Auto Mechanics

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Salish Kootenai Vocational Education Training Program.
CP000135

Auto Mechanics (Occupation)

Fort Peck Community College Vocational Education Program.
CP000136

Bilingual Education

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Bilingual Secretarial and Building Trades Training Projects.
CP000124

Bilingual Training Program in Housing Maintenance and Repair Skills.
CP000119

Bilingual Vocational Dental Assistant Training.
CP000114

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Bilingual Vocational Education Instructor Competencies.
CP000057

Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics.
CP000125

Bilingual Vocational Training Program.
CP000128

Chinese English Bilingual Para-Professional Training Program.
CP000122

Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Monograph for Bilingual Vocational Training Programs.
CP000078

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Project to Train Bilingual Vocational Instructors.
CP000126

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Bilingual Teachers

Bilingual Vocational Education Instructor Competencies.
CP000057

Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Building Maintenance Mechanics Program (BMMP)

Community-Based Building Maintenance Mechanics Training.
CP000054

Building Trades

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Ramah Navajo Vocational Training Project.
CP000139

Business Education

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Crow Tribe Vocational Training Program.
CP000132

Fort Peck Community College Vocational Education Program.
CP000136

LCO Vocational Education and Occupational Skills Training Program.
CP000147

Northern Cheyenne Business/Management Occupation Training Program.
CP000134

Salish Kootenai Vocational Education Training Program.
CP000135

Wind River Vocational Education.
CP000148

Career Development

Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Experience-Based Career Education in Harrisburg.
CP000039

Experience-Based Career Education Project.
CP000046

Career Education

Bellevue's Experience-Based Career Education Program.
CP000048

Building Experience-Based Career Education.
CP000040

Career Education: Planning, Learning, Understanding, Succeeding.
CP000035

Computerized Exploration of Community Experiences for Career Education.
CP000024

Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

Experience-Based Career Education (EBCE).
CP000008

Experience-Based Career Education (EBCE).
CP000031

Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Experience-Based Career Education in Cooperative Vocational Education and Work Experience.
CP000037

Experience-Based Career Education in Harrisburg.
CP000039

Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

An Experience-Based Career Education Program.
CP000050

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Experience-Based Career Education Project.
CP000046

Experience-Based Career Education.
CP000021

Experience-Based Career Education.
CP000022

Experience-Based Career Education.
CP000019

Experience-Based Career Education.
CP000041

Experience-Based Career Education.
CP000030

Experience-Based Career Education.
CP000038

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Highline District's Vocational Exploratory and Preparatory Program.
CP000049

Holomua Project.
CP000012

Illinois Experience-Based Career Education Project.
CP000014

Implementation of Experience-Based Career Education.
CP000001

Farkway Experience-Based Career Education.
CP000027

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

Planning for Change Through Career Education.
CP000052

Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.
CP000002

Prince William County Experience-Based Career Education Project.
CP000047

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

A Proposal to Implement an EBCE Model.
CP000020

Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

San Antonio Experience-Based Career Education Project.
CP000045

A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

The Tucson Experience-Based Career Education Program.
CP000004

Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Wichita Experience-Based Career Education Project.
CP000018

Career Exploration

Colorado Experience-Based Career Education Model (7-10).
CP000006

Experience-Based Career Education.
CP000030

Experience-Based Career Education.
CP000042

Occupational Cluster/Experience Project.
CP000003

Project EXCEL (Experience-Based Career Education Learning Program).
CP000033

Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

Career Opportunities

Demonstration of Experience-Based Career Education in Memphis, Tennessee.
CP000044

Highline District's Vocational Exploratory and Preparatory Program.
CP000049

Carpenters

Bilingual Secretarial and Building Trades Training Projects.
CP000124

CETA

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Changing Attitudes

Media Presentations on Mainstreaming the Handicapped.
CP000062

Child Care Occupations

Salish Kootenai Vocational Education Training Program.
CP000135

Chinese Americans

Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

Chinese English Bilingual Para-Professional Training Program.
CP000122

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Clearinghouses

The National Center for Research in Vocational Education
CP000082

Cluster Grouping

Bellevue's Experience-Based Career Education Program.
CP000048

College Cooperation

Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

Community Colleges

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Conferences

Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

Consortia

Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Control Groups

Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Cooks

Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Cooperative Education

Demonstration of Experience-Based Career Education in Memphis, Tennessee.
CP000044

Exemplary Demonstration Project in Cooperative Education.
CP000053

Experience-Based Career Education in Cooperative Vocational Education and Work Experience.
CP000037

Experience-Based Career Education.
CP000026

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Cooperative Planning

Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Correctional Education

Assessment of Quality Vocational Education in State Prisons.
CP000067

Vocational Needs for Women Offenders.
CP000058

Correctional Rehabilitation

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Corrective Institutions

Assessment of Quality Vocational Education in State Prisons.
CP000067

Cost Effectiveness

Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education.
CP000063

Counselor Training

Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

Project to Train Bilingual Vocational Instructors.
CP000126

Credits

Credentialing Women's Life Experiences.
CP000064

Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088

Cubans

Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Curriculum Development

Armed Services Materials Conversion.
CP000071

Curriculum for Energy Use and Conservation Technicians Phase I.
CP000075

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.
CP000074

Department of Defense Products for Conversion.
CP000101

East Central Curriculum Coordination Center.
CP000111

Field Testing Vocational Education Curriculum Specialist Materials.
CP000056

Marketing and Distribution Cluster - Phase 2.
CP000060

Midwest Curriculum Coordination Center.
CP000113

Modifying Vocational Curriculum for the Handicapped.
CP000079

National Curriculum Development Priorities.
CP000100

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Southeast Curriculum Coordination Center.
CP000112

System to Provide Military Curricula to Vocational Educators.
CP000104

Western Curriculum Coordination Center.
CP000110

Curriculum Evaluation

Department of Defense Products for Conversion.
CP000101

East Central Curriculum Coordination Center.
CP000111

Field Testing Vocational Education Curriculum Specialist Materials.
CP000056

System to Provide Military Curricula to Vocational Educators.
CP000104

Custodian Training

Vocational Education for TMH Children.
CP000140

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Data Analysis

Education Personnel Needs Study.
CP000102

Information for National Applied Research and Development Priorities.
CP000099

National Curriculum Development Priorities.
CP000100

Data Collection

Education Personnel Needs Study.
CP000102

Information for National Applied Research and Development Priorities.
CP000099

National Curriculum Development Priorities.
CP000100

Delivery Systems

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Demonstration Projects

Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.
CP000077

Dental Assistants

Armed Services Materials Conversion.
CP000071

Bilingual Vocational Dental Assistant Training.
CP000114

Design

Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Developmental Disabilities

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Directories

Development of a Directory of Women Administrators in Vocational Education.
CP000090

Disadvantaged Youth

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Experience-Based Career Education.
CP000026

Distributive Education

Marketing and Distribution Cluster - Phase 2.
CP000060

Drafting

Bering Straits Eskimo Vocational Outreach Project.
CP000129

Educational Alternatives

Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Experience-Based Career Education (EBCE).
CP000008

Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Experience-Based Career Education in Harrisburg.
CP000039

Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

An Experience-Based Career Education Program.
CP000050

Experience-Based Career Education.
CP000021

Holomua Project.
CP000012

Project CLETE: Career Learning and Education Through Experience.
CP000034

Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

Wichita Experience-Based Career Education Project.
CP000018

Educational Assessment

Assessment of Quality Vocational Education in State Prisons.
CP000067

Development of State of the Art Papers.
CP000097

Examining the Outcomes of Vocational Education and Their Correlates.
CP000086

Educational Coordination

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Educational Needs

Information for National Applied Research and Development Priorities.
CP000099

The National Center for Research in Vocational Education
CP000082

National Curriculum Development Priorities.
CP000100

National Vocational Education Needs.
CP000098

Responsive Vocational Education for Special Needs Subpopulations.
CP000084

Special Packages for Occupational Services Areas.
CP000094

Educational Planning

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Comprehensive Planning for More Responsive Vocational Education.
CP000083

Development of State of the Art Papers.
CP000097

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Educational Research

Dissemination and Utilization Impact Study.
CP000095

Educational Strategies

Colorado Experience-Based Career Education Model (7-10).
CP000006

Electrical Occupations

Choctaw Vocational Program.
CP000131

Emerging Occupations

National Curriculum Development Priorities.
CP000100

Special Packages for Occupational Services Areas.
CP000094

Energy Conservation

Curriculum for Energy Use and Conservation Technicians Phase I.
CP000075

Engines

Bering Straits Eskimo Vocational Outreach Project.
CP000129

English (Second Language)

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Bilingual Vocational Training Program.
CP000128

Monograph for Bilingual Vocational Training Programs.
CP000078

Project to Train Bilingual Vocational Instructors.
CP000126

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Ramah Navajo Vocational Training Project.
CP000139

Test of English Proficiency for Adults of Limited English Speaking Abilit
CP000072

English Education

Bering Straits Eskimo Vocational Outreach Project.
CP000129

Enrollment

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Enrollment Influences

Increasing Sex Fairness in Vocational Education.
CP000085

Environmental Technicians

Curriculum for Energy Use and Conservation Technicians Phase I.
CP000075

Evaluation

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

The National Center for Research in Vocational Education
CP000082

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Evaluation Criteria

Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.
CP000077

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Evaluation Needs

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Experience Based Career Education

Bellevue's Experience-Based Career Education Program.
CP000048

Building Experience-Based Career Education.
CP000040

Career Education: Planning, Learning, Understanding, Succeeding.
CP000035

Colorado Experience-Based Career Education Model (7-10).
CP000006

Community-Based Building Maintenance Mechanics Training.
CP000054

Computerized Exploration of Community Experiences for Career Education.
CP000024

Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Demonstration of Experience-Based Career Education in Memphis, Tennessee.
CP000044

Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Exemplary Demonstration Project in Cooperative Education.
CP000053

Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

Experience-Based Career Education (EBCE).
CP000008

Experience-Based Career Education (EBCE).
CP000031

Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Experience-Based Career Education in Cooperative Vocational Education and Work Experience.
CP000037

Experience-Based Career Education in Harrisburg.
CP000039

Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

An Experience-Based Career Education Program.
CP000050

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Experience-Based Career Education Project.
CP000046

Experience-Based Career Education.
CP000022

Experience-Based Career Education.
CP000019

Experience-Based Career Education.
CP000026

Experience-Based Career Education.
CP000021

Experience-Based Career Education.
CP000042

Experience-Based Career Education.
CP000041

Experience-Based Career Education.
CP000030

Experience-Based Career Education.
CP000038

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Highline District's Vocational Exploratory and Preparatory Program.
CP000049

Holomua Project.
CP000012

Illinois Experience-Based Career Education Project.
CP000014

Implementation of Experience-Based Career Education.
CP000001

Occupational Cluster/Experience Project.
CP000003

Parkway Experience-Based Career Education.
CP000027

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

Planning for Change Through Career Education.
CP000052

Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.
CP000002

Prince William County Experience-Based Career Education Project.
CP000047

Project CLETE: Career Learning and Education Through Experience.
CP000034

Project EXCEL (Experience-Based Career Education Learning Program).
CP000033

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

A Proposal to Implement an EBCE Model.
CP000020

Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

San Antonio Experience-Based Career Education Project.
CP000045

Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

The Tucson Experience-Based Career Education Program.
CP000004

Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Wichita Experience-Based Career Education Project.
CP000018

Experiential Learning

Computerized Exploration of Community Experiences for Career Education.
CP000024

Credentialing Women's Life Experiences.
CP000064

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

A Proposal to Implement an EBCE Model.
CP000020

Facilities

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Faculty

Advanced Study Center.
CP000091

Farm Management

Vocational Education for TMH Children.
CP000140

Farm Occupations

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Federal Aid

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Annual Reports of Federal and State-Administered Projects.
CP000106

Federal Legislation

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

Fellowships

Advanced Study Center.
CP000091

Vocational Education Teacher Certification Fellowship Program (C.F.D.A. 13.578).
CP000081

Females

Development of a Directory of Women Administrators in Vocational Education.
CP000090

Increasing Sex Fairness in Vocational Education.
CP000085

Vocational Needs for Women Offenders.
CP000058

Film Production

Media Presentations on Mainstreaming the Handicapped.
CP000062

Finance Occupations

Salish Kootenai Vocational Education Training Program.
CP000135

Food Service

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Graduate Study

Vocational Education Graduate Leadership Development Programs.
CP000080

Graphic Arts

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Guidance Centers

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Guidance Counseling

Native American Vocational Assessment Project.
CP000144

Guidance Personnel

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

Guidelines

Developing Evaluation Handbooks for Vocational Education.
CP000138

Guides

Modifying Vocational Curriculum for the Handicapped.
CP000079

Handicapped

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Handicapped Students

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Media Presentations on Mainstreaming the Handicapped.
CP000062

Modifying Vocational Curriculum for the Handicapped.
CP000079

Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Handicrafts

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Health Occupations Education

Crow Tribe Vocational Training Program.
CP000132

Fort Peck Community College Vocational Education Program.
CP000136

Home Economics Education

LCO Vocational Education and Occupational Skills Training Program.
CP000147

Vocational Education for TMH Children.
CP000140

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Impact Evaluation

Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.
CP000077

Individualized Instruction

An Experience-Based Career Education Program.
CP000050

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Individualized Programs

Bellevue's Experience-Based Career Education Program.
CP000048

Building Experience-Based Career Education.
CP000040

Computerized Exploration of Community Experiences for Career Education.
CP000024

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

Experience-Based Career Education.
CP000021

Illinois Experience-Based Career Education Project.
CP000014

Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

San Antonio Experience-Based Career Education Project.
CP000045

Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

The Tucson Experience-Based Career Education Program.
CP000004

Wichita Experience-Based Career Education Project.
CP000018

Industrial Arts

Standards for Industrial Arts Education Programs.
CP000076

Industrial Education

LCO Vocational Education and Occupational Skills Training Program.
CP000147

Information Dissemination

Access and Crosswalk.
CP000103

Annual Reports of Federal and State-Administered Projects.
CP000106

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

The National Center for Research in Vocational Education
CP000082

National Vocational Education Needs.
CP000098

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Special Packages for Occupational Services Areas.
CP000094

Standards for Industrial Arts Education Programs.
CP000076

Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

System to Provide Military Curricula to Vocational Educators.
CP000104

Western Curriculum Coordination Center.
CP000110

Information Needs

National Vocational Education Needs.
CP000098

Information Networks

Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Information Processing

Access and Crosswalk.
CP000103

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Annual Reports of Federal and State-Administered Projects.
CP000106

Information Systems

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Information Utilization

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Dissemination and Utilization Impact Study.
CP000095

Inservice Programs

Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

National Academy of Vocational Education.
CP000092

Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

Inservice Teacher Education

Experience-Based Career Education.
CP000021

Fort Belknap Vocational Education Project.
CP000133

Institutes (Training Programs)

National Academy of Vocational Education.
CP000092

Institutionalized Persons

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Instructional Materials

Department of Defense Products for Conversion.
CP000101

Special Packages for Occupational Services Areas.
CP000094

System to Provide Military Curricula to Vocational Educators.
CP000104

Instructional Materials Centers

East Central Curriculum Coordination Center.
CP000111

Midwest Curriculum Coordination Center.
CP000113

Southeast Curriculum Coordination Center.
CP000112

Western Curriculum Coordination Center.
CP000110

Instructional Staff

Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Interagency Cooperation

Study of Vocational Education Research and Development Systems and Utilization of Products. CP000059

Job Placement

Fort Belknap Vocational Education Project. CP000133

Kickapoo Vocational-Technical Education Program. CP000143

Junior Colleges

Northern Cheyenne Business/Management Occupation Training Program. CP000134

Knowledge Transformation

Development of State of the Art Papers. CP000097

Language Proficiency

Test of English Proficiency for Adults of Limited English Speaking Ability. CP000072

Language Tests

Test of English Proficiency for Adults of Limited English Speaking Ability. CP000072

Leadership

Leadership for Research Coordinating Units and Curriculum Coordination Centers. CP000096

Leadership Training

Fort Belknap Vocational Education Project. CP000133

National Academy of Vocational Education. CP000092

The National Center for Research in Vocational Education CP000082

Vocational Education Graduate Leadership Development Programs. CP000080

Learning Modules

Comprehensive Planning for More Responsive Vocational Education. CP000083

Curriculum for Energy Use and Conservation Technicians Phase I. CP000075

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians. CP000074

Literature Reviews

Increasing Sex Fairness in Vocational Education. CP000085

Local Education Association (LEA)

Planning for Change Through Career Education. CP000052

Mainstreaming

Media Presentations on Mainstreaming the Handicapped. CP000062

Responsive Vocational Education for Special Needs Subpopulations. CP000084

Maintenance

Community-Based Building Maintenance Mechanics Training. CP000054

Management Education

Lummi Indian School of Aquaculture and Fisheries. CP000146

Managerial Occupations

Choctaw Vocational Program. CP000131

Manuals

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons. CP000066

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development. CP000070

Modifying Vocational Curriculum for the Handicapped. CP000079

Parkway Experience-Based Career Education. CP000027

Marine Biology

Lummi Indian School of Aquaculture and Fisheries. CP000146

Marketing

Marketing and Distribution Cluster - Phase 2. CP000060

Mathematics Instruction

Bering Straits Eskimo Vocational Outreach Project. CP000129

Metal Working Occupations

Bering Straits Eskimo Vocational Outreach Project. CP000129

Methods

Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education. CP000063

Mexican Americans

Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability. CP000123

Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics. CP000125

Bilingual Vocational Training Program. CP000128

Military Training

Department of Defense Products for Conversion. CP000101

System to Provide Military Curricula to Vocational Educators. CP000104

National Surveys

Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education. CP000063

Needs Assessment

Extending the Benefits of Vocational Education to Indian Populations. CP000087

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Networks

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Nuclear Physics

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.
CP000074

Occupational Choice

Highline District's Vocational Exploratory and Preparatory Program.
CP000049

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

Occupational Clusters

Canoncito Career Vocational Program.
CP000138

Experience-Based Career Education.
CP000030

Occupational Cluster/Experience Project.
CP000003

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

Occupational Guidance

Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Experience-Based Career Education.
CP000026

Office Occupations Education

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Chinese English Bilingual Para-Professional Training Program.
CP000122

Crow Tribe Vocational Training Program.
CP000132

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Ramah Navajo Vocational Training Project.
CP000139

Salish Kootenai Vocational Education Training Program.
CP000135

On the Job Training

Exemplary Demonstration Project in Cooperative Education.
CP000053

Organizational Communication

Access and Crosswalk.
CP000103

Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Paraprofessional Personnel

Chinese English Bilingual Para-Professional Training Program.
CP000122

Performance Based Education

Armed Services Materials Conversion.
CP000071

Marketing and Distribution Cluster - Phase 2.
CP000060

Performance Based Teacher Education

Bilingual Vocational Education Instructor Competencies.
CP000057

Periodicals

Access and Crosswalk.
CP000103

Personnel Needs

Education Personnel Needs Study.
CP000102

Physicians Assistants

Armed Services Materials Conversion.
CP000071

Plastics

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Printing

Crow Tribe Vocational Training Program.
CP000132

Prisoners

Vocational Needs for Women Offenders.
CP000058

Private Schools

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Professional Training

Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Program Coordination

Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068

Program Costs

Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education.
CP000063

Program Development

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Fort Peck Community College Vocational Education Program.
CP000136

Kickapoo Vocational-Technical Education Program.
CP000143

LCO Vocational Education and Occupational Skills Training Program.
CP000147

Monograph for Bilingual Vocational Training Programs.
CP000078

Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.
CP000002

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

Vocational Education for the Oglala Sioux.
CP000145

Wind River Vocational Education.
CP000148

"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Program Effectiveness

Assessment of Quality Vocational Education in State Prisons.
CP000067

Examining the Outcomes of Vocational Education and Their Correlates.
CP000086

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Program Evaluation

Developing Evaluation Handbooks for Vocational Education.
CP000108

Monograph for Bilingual Vocational Training Programs.
CP000078

Program Guides

Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Monograph for Bilingual Vocational Training Programs.
CP000078

Program Improvement

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Native American Vocational Assessment Project.
CP000144

Planning for Change Through Career Education.
CP000052

Standards for Industrial Arts Education Programs.
CP000076

Program Planning

Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Psychiatric Hospitals

Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Public Education

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Publications

Development of State of the Art Papers.
CP000097

Publicize

Media Presentations on Mainstreaming the Handicapped.
CP000062

Recidivism

Assessment of Quality Vocational Education in State Prisons.
CP000067

Regional Cooperation

Western Curriculum Coordination Center.
CP000110

Rehabilitation Programs

Vocational Rehabilitation Service Provider's Training Project.
CP000130

Reports

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Research and Development Centers

The National Center for Research in Vocational Education
CP000082

Research Impact

Dissemination and Utilization Impact Study.
CP000095

Research Needs

Information for National Applied Research and Development Priorities.
CP000099

Research Projects

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Annual Reports of Federal and State-Administered Projects.
CP000106

Research Reviews (Publications)

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Research Utilization

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

The National Center for Research in Vocational Education
CP000082

Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Resource Centers

East Central Curriculum Coordination Center.
CP000111

Resource Materials

Special Packages for Occupational Services Areas.
CP000094

Rural Education

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Illinois Experience-Based Career Education Project.
CP000014

A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area [illegible] Missouri.
CP000028

Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

Rural Schools

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

School Community Cooperation

Bellevue's Experience-Based Career Education Program.
CP000048

Computerized Exploration of Community Experiences for Career Education.
CP000024

Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

Experience-Based Career Education in Harrisburg.
CP000039

Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

Experience-Based Career Education.
CP000022

Experience-Based Career Education.
CP000042

Occupational Cluster/Experience Project.
CP000003

Parkway Experience-Based Career Education.
CP000027

Prince William County Experience-Based Career Education Project.
CP000047

San Antonio Experience-Based Career Education Project.
CP000045

The Tucson Experience-Based Career Education Program.
CP000004

School Community Programs

Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Experience-Based Career Education (EBCE).
CP000008

Experience-Based Career Education Implementation and Demonstration Project.
CP000013

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Holomua Project.
CP000012

Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

School Community Relationship

Career Education: Planning, Learning, Understanding, Succeeding.
CP000035

Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

School Districts

Comprehensive Planning for More Responsive Vocational Education.
CP000083

School Industry Relationship

Canoncito Career Vocational Program.
CP000138

Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068

Secretaries

Bilingual Secretarial and Building Trades Training Projects.
CP000124

Senior High Schools

Canoncito Career Vocational Program.
CP000138

Sex Discrimination

Development of State of the Art Papers.
CP000097

Sex Stereotypes

Increasing Sex Fairness in Vocational Education.
CP000085

Skills

Comprehensive Planning for More Responsive Vocational Education.
CP000083

Spanish Speaking

Bilingual Training Program in Housing Maintenance and Repair Skills.
CP000119

Bilingual Vocational Dental Assistant Training.
CP000114

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Project to Train Bilingual Vocational Instructors.
CP000126

Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Special Needs Populations

Development of State of the Art Papers.
CP000097

Special Needs Subpopulations

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Responsive Vocational Education for Special Needs Subpopulations.
CP000084

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Special Programs

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Special Services

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Staff Improvement

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

Native American Vocational Assessment Project.
CP000144

Project to Train Bilingual Vocational Instructors.
CP000126

Responsive Vocational Education for Special Needs Subpopulations.
CP000084

State Departments of Education

Planning for Change Through Career Education.
CP000052

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

State Federal Aid

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

State Legislation

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

State of the Art Reviews

National Vocational Education Needs.
CP000098

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Statewide Planning

Comprehensive Planning for More Responsive Vocational Education.
CP000083

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Student Centered Curriculum

Implementation of Experience-Based Career Education.
CP000001

Student Development

Experience-Based Career Education.
CP000041

Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Student Organizations

Standards for Industrial Arts Education Programs.
CP000076

Student Placement

Parkway Experience-Based Career Education.
CP000027

Suburban Schools

Parkway Experience Based Career Education.
CP000027

Surveys

Vocational Needs for Women Offenders.
CP000058

Teacher Certification

Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Vocational Education Teacher Certification Fellowship Program (C.F.D.A. 13.578).
CP000081

Teacher Education

Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

Personnel Training Requirements to Serve Handicapped Populations.
CP000073

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Vocational Education Teacher Certification Fellowship Program (C.F.D.A. 13.578).
CP000081

Teacher Education Curriculum

Field Testing Vocational Education Curriculum Specialist Materials.
CP000056

Teacher Improvement

Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Responsive Vocational Education for Special Needs Subpopulations.
CP000084

Teaching Guides

Marketing and Distribution Cluster - Phase 2.
CP000060

Team Teaching

A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

Technical Assistance

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

The National Center for Research in Vocational Education
CP000082

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Technical Education

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.
CP000074

Technical Writing

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Trade and Industrial Education

Bering Straits Eskimo Vocational Outreach Project.
CP000129

Bilingual Training Program in Housing Maintenance and Repair Skills.
CP000119

Choctaw Vocational Program.
CP000131

Community-Based Building Maintenance Mechanics Training.
CP000054

Fort Peck Community College Vocational Education Program.
CP000136

Ramah Navajo Vocational Training Project.
CP000139

Wind River Vocational Education.
CP000148

"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Trainable Mentally Handicapped

Vocational Education for TMH Children.
CP000140

Transferable Skills

Credentialing Women's Life Experiences.
CP000064

Urban Areas

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Urban Education

Building Experience-Based Career Education.
CP000040

Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

Illinois Experience-Based Career Education Project.
CP000014

Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Use Studies

Dissemination and Utilization Impact Study.
CP000095

Vocational Agriculture

Crow Tribe Vocational Training Program.
CP000132

Ramah Navajo Vocational Training Project.
CP000139

Vocational Counseling

Fort Belknap Vocational Education Project.
CP000133

Salish Kootenai Vocational Education Training Program.
CP000135

Vocational Education

Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Exemplary Demonstration Project in Cooperative Education.
CP000053

Illinois Experience-Based Career Education Project.
CP000014

Project CLETE: Career Learning and Education Through Experience.
CP000034

Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Vocational Education Teachers

Vocational Education Graduate Leadership Development Programs.
CP000080

Vocational Education Teacher Certification Fellowship Program (C.F.D.A. 13.578).
CP000081

Vocational Followup

Developing Evaluation Handbooks for Vocational Education.
CP000108

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Vocational Maturity

Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Water Resources
Lummi Indian School of Aquaculture and Fisheries.
CP000146

Welding
Salish Kootenai Vocational Education Training Program.
CP000135

Womens Education
Credentialing Women's Life Experiences.
CP000064

Woodworking
Vocational Education for TMH Children.
CP000140
Vocational Rehabilitation Service Provider's Training Project.
CP000130

Work Experience Programs
Canoncito Career Vocational Program.
CP000138
Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088

Workshops
Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

YEDPA
Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088

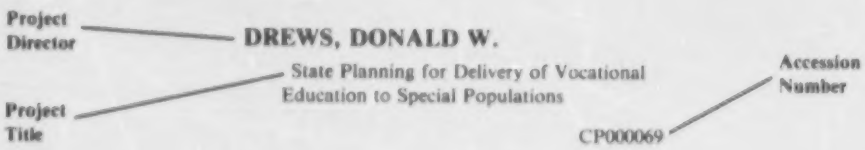
Youth Employment
Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068

Youth Employment and Demonstration Projects Act
Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088
Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068

PROJECT DIRECTOR INDEX

This index lists projects under the name of the Project Director(s). The index is arranged in alphabetical order by the director's last name.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project can be found under that number in the Resume Section.



Badenoch, Alice
Experience-Based Career Education.
CP000042

Bagley, Roy
Experience-Based Career Education.
CP000021

Barnes, Bill
Colorado Experience-Based Career Education Model (7-10).
CP000006

Barrios, Mario
Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Bednark, Jim
"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Begaye, Reginald A.
Vocational Education for TMH Children.
CP000140

Benioni, Patoa
Exemplary Demonstration Project in Cooperative Education.
CP000053

Berasain, Marcia
Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

Berlin, William
Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Bert, Virginia
Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Best, Kenneth G.
Wichita Experience-Based Career Education Project.
CP000018

Bice, Juanita
Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

Brady, Mary Ella
Bilingual Vocational Education Instructor Competencies.
CP000057

Budke, Wesley E.
Access and Crosswalk.
CP000103
Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105
Annual Reports of Federal and State-Administered Projects.
CP000106
System to Provide Military Curricula to Vocational Educators.
CP000104

Campbell, Daniel H.
Demonstration of Experience-Based Career Education in Memphis, Tennessee.
CP000044

Cannon, Paul
Wind River Vocational Education.
CP000148

Cantu, Arnoldo
Bilingual Vocational Training Program.
CP000128

Carlson, Clayton
Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

Clark, Kent
Prince William County Experience-Based Career Education Project.
CP000047

Cruz, Juan C.
Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Culclosure, David
Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Daldrup, Lou Ann
The Tucson Experience-Based Career Education Program.
CP000004

Darcy, Robert
Examining the Outcomes of Vocational Education and Their Correlates.
CP000086

Datcher, Ellen F.
An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

Davis, Gary
Kickapoo Vocational-Technical Education Program.
CP000143

Davis, George
Building Experience-Based Career Education.
CP000040

Davis, J. Clark
Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

Diaz, Rafael
Bilingual Training Program in Housing Maintenance and Repair Skills.
CP000119

Dole, David
Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Douglass, Rebecca S.
East Central Curriculum Coordination Center.
CP000111

Drewes, Donald W.
Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068
State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Drier, Harry N.
Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

Driessen, Gerrie
Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Dugger, William E. Jr.
Standards for Industrial Arts Education Programs.
CP000076

Ekstrom, Ruth
Credentialing Women's Life Experiences.
CP000064

Elliott, Michael J.
Planning for Change Through Career Education.
CP000052

Erath, Marion
Project CLETE: Career Learning and Education Through Experience.
CP000034

Fernandez, Edward
Project EXCEL (Experience-Based Career Education Learning Program).
CP000033

Fleischman, Howard
Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.
CP000077

Ford, Jack D.
Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

Franchak, Steven
Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Frank, Doris E.
Bering Straits Eskimo Vocational Outreach Project.
CP000129

Freeman, David
Computerized Exploration of Community Experiences for Career Education.
CP000024

Fritchley, Ronald L.
Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Gallo, Vincent A.
Experience-Based Career Education.
CP000038

Galvan, Mary
Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Garrison, James M.
Parkway Experience-Based Career Education.
CP000027

Gililland, J. R.
Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Gilman, J. M.
Occupational Cluster/Experience Project.
CP000003

Gonzalez, Gustavo
Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Gorman, Nelson
Vocational Rehabilitation Service Provider's Training Project.
CP000130

Grell, Darrell
Experience-Based Career Education (EBCE).
CP000031

Groves, David
An Experience-Based Career Education Program.
CP000050

Hall, H. Eugene
Experience-Based Career Education
CP000022

Hamilton, Jack
Field Testing Vocational Education Curriculum Specialist Materials.
CP000056

Harrington, Jacqueline
Experience-Based Career Education.
CP000041

Harvey, Alton
Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.
CP000002

Haupt, Robert
Monograph for Bilingual Vocational Training Programs.
CP000078

Hoffman, Wally
Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Howard, Linda
"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Hsu, F. Richard
Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Hull, Daniel M.
Curriculum for Energy Use and Conservation Technicians Phase I.
CP000075

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.
CP000074

Hull, William
Dissemination and Utilization Impact Study.
CP000095

Jackson, Frances
Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Jenkins, Elaine B.
Vocational Needs for Women Offenders.
CP000058

Jenks, Houston C.
A Proposal to Implement an EBCE Model.
CP000020

Johnson, Thera
Experience-Based Career Education Project.
CP000046

Kerr, Sam W.
Experience-Based Career Education in Cooperative Vocational Education and Work Experience.
CP000037

Kienast, Kay
Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Kline, Al
Vocational Education for the Oglala Sioux.
CP000145

Kowle, Carol
Development of State of the Art Papers.
CP000097

Kuhlman, Judy
A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

L'Angelle, David D.
Special Packages for Occupational Services Areas.
CP000094

La Fountain, Robert D.
Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Lafferty, Bill R.
San Antonio Experience-Based Career Education Project.
CP000045

Langley, Steve
Bilingual Secretarial and Building Trades Training Projects.
CP000124

Larson, Carl
An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Malak, Sharon J.
Responsive Vocational Education for Special Needs Subpopulations.
CP000084

Matthews, Paul
Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Mattison, Bill
Experience-Based Career Education.
CP000026

McAnally, Robert
Fort Peck Community College Vocational Education Program.
CP000136

McCage, Ronald D.
Illinois Experience-Based Career Education Project.
CP000014

McCaslin, Norval L.
Developing Evaluation Handbooks for Vocational Education.
CP000108

McDonald, Joseph
Salish Kootenai Vocational Education Training Program.
CP000135

McKenty, Stuart B.
Project to Train Bilingual Vocational Instructors.
CP000126

Mink, Barbara
Armed Services Materials Conversion.
CP000071

Minugh, Carol
Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Mohrenweiser, Gary A.
Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education.
CP000063

Morrison, Edward J.
Department of Defense Products for Conversion.
CP000101
Education Personnel Needs Study.
CP000102
Information for National Applied Research and Development Priorities.
CP000099
National Curriculum Development Priorities.
CP000100
National Vocational Education Needs.
CP000098

Nelson, Ronald
Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Oppenheim, Norman J.
Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Parks, Darrell
National Academy of Vocational Education.
CP000092

Patton, Bob
Midwest Curriculum Coordination Center.
CP000113

Poledink, Paul
Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

Poole, Richard
Lummi Indian School of Aquaculture and Fisheries.
CP000146

Pope, Billy
Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Pratzner, Frank
Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088

Ramey, Emmett
Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Rask, Michael L.
Community-Based Building Maintenance Mechanics Training.
CP000054

Regal, Mary Lewis
Marketing and Distribution Cluster - Phase 2.
CP000060

Rice, Eric
Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066
Assessment of Quality Vocational Education in State Prisons.
CP000067

Rivera de Agostini, Ileana
Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Ross, Novella
Development of a Directory of Women Administrators in Vocational Education.
CP000090

Rowland, James
Northern Cheyenne Business/Management Occupation Training Program.
CP000134

Ruhlin, Fran
Experience-Based Career Education.
CP000019

Russell, Earl B.
Advanced Study Center.
CP000091

Ryals, Harold
Implementation of Experience-Based Career Education.
CP000001

Schulz, James G.
Bellevue's Experience-Based Career Education Program.
CP000048

Sheller, Ines
Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Shepherd, V. B.
Choctaw Vocational Program.
CP000131

Shill, James
Southeast Curriculum Coordination Center.
CP000112

Singer, Norman M.
Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Smith, Roger
Media Presentations on Mainstreaming the Handicapped.
CP000062

St. Germaine, Rick
LCO Vocational Education and Occupational Skills Training Program.
CP000147

Starr, Harold
Comprehensive Planning for More Responsive Vocational Education.
CP000083

Steger, Gerald
Experience-Based Career Education in Harrisburg.
CP000039

Stevenson, William
Providing Technical Evaluation Services for Educational Agencies.
CP000107

Stork-Whitson, Karin
Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Swan, Robert J.
Fort Belknap Vocational Education Project.
CP000133

Taylor, Robert E.
The National Center for Research in Vocational Education
CP000082

Terman, C. Burnett
Experience-Based Career Education.
CP000030

Thompson, Grayce
Canoncito Career Vocational Program.
CP000138

Tindall, Lloyd W.
Modifying Vocational Curriculum for the Handicapped.
CP000079

Toccafondi, Primo
Experience-Based Career Education (EBCE).
CP000008

Triplett, Frank
Holomua Project.
CP000012

Tsu, John B.
Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

Tuchscherer, Jerry
Career Education: Planning, Learning, Understanding, Succeeding.
CP000035

Vasquez, Keta
Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics.
CP000125

Vetter, Louise
Increasing Sex Fairness in Vocational Education.
CP000085

Vicenti, Dan
Ramah Navajo Vocational Training Project.
CP000139

von Hippel, Caren
Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Wasdyke, Raymond G.
Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

Weissman, Fredric
Bilingual Vocational Dental Assistant Training.
CP000114

Wheeler, James D.
Native American Vocational Assessment Project.
CP000144

White, Jewel
A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

Williams, James E.
Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

Windyboy, Janine
Crow Tribe Vocational Training Program.
CP000132

Windyboy, Sam Vernon
Crow Tribe Vocational Training Program.
CP000132

Yormark, Ben A.
Highline District's Vocational Exploratory and Preparatory Program.
CP000049

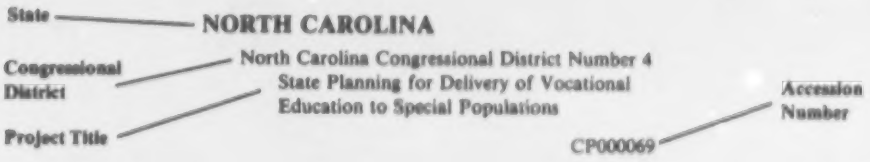
Yuen, Po S.
Chinese English Bilingual Para-Professional Training Program.
CP000122

Zane, Lawrence F. H.
Western Curriculum Coordination Center.
CP000110

GEOGRAPHIC LOCATION INDEX

This index groups projects according to the geographic location of the organization performing the research. This index is arranged alphabetically by state and the Congressional district of the organization.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project can be found under that number in the Resume Section.



Alabama

Congressional District Number 1
Planning Project for the Further Development and Demonstration of the Instructional Strategies, Methods, and Techniques of the National Institute of Education's Experience- Based Career Program.
CP000002

Congressional District Number 3
Implementation of Experience-Based Career Education.
CP000001

Alaska

Congressional District Number 1
Bering Straits Eskimo Vocational Outreach Project.
CP000129

Congressional District Number 6
Occupational Cluster/Experience Project.
CP000003

American Samoa

Congressional District At Large
Exemplary Demonstration Project in Cooperative Education.
CP000053

Arizona

Congressional District Number 3
The Tucson Experience-Based Career Education Program.
CP000004

Congressional District Number 4
Vocational Rehabilitation Service Provider's Training Project.
CP000130

Arkansas

Congressional District Number 2
A Team Approach to Develop and Implement an In-School Cluster Structure Designed for Occupational Exploration and Initial Job Preparation.
CP000005

California

Congressional District Number 5
Bilingual Vocational Instructor Training Program to Prepare 30 Full-Time Pre-Service and 60 Part-Time Inservice Instructors in Accounting, Finance and Guidance/Counseling.
CP000116

Mission Center Bilingual Training Project in Medical/Dental and Graphic Arts Field.
CP000115

Congressional District Number 9
Field Testing Vocational Education Curriculum Specialist Materials.
CP000056

Congressional District Number 23
Bilingual Vocational Dental Assistant Training.
CP000114

Colorado

Congressional District Number 1
Colorado Experience-Based Career Education Model (7-10).
CP000006

Connecticut

Congressional District Number 2
Demonstration of NIE's Experience-Based Career Education Program.
CP000007

Delaware

Congressional District At Large
Experience-Based Career Education (EBCE).
CP000008

District of Columbia

Bilingual Vocational Education Instructor Competencies.
CP000057

An Experience-Based Career Education Program for Students in the Comprehensive High Schools.
CP000009

Vocational Needs for Women Offenders.
CP000058

Florida

Congressional District Number 2
Demonstration of a Secondary and Post-Secondary Experience-Based Career Education Program in Florida.
CP000010

Congressional District Number 15
Comprehensive Bilingual Occupational Training Program for Citizens of Limited English Speaking Ability to Work as Subprofessionals in the Fields of Accounting, Banking and Finance.
CP000117

Georgia

Congressional District Number 9
Demonstration of the National Institute of Education's Experience-Based Career Education.
CP000011

Guam

Congressional District At Large
Community-Based Building Maintenance Mechanics Training.
CP000054

Hawaii

Congressional District Number 1
Western Curriculum Coordination Center.
CP000110

Congressional District Number 2
Holomua Project.
CP000012

Idaho

Congressional District Number 2
Experience-Based Career Education Implementation and Demonstration Project.
CP000013

Illinois

Congressional District Number 13
Projecto Plasticos: Bilingual Training Program for Plastics Entry Level Position.
CP000118

Congressional District Number 20
East Central Curriculum Coordination Center.
CP000111

Congressional District Number 50
Illinois Experience-Based Career Education Project.
CP000014

Indiana

Congressional District Number 9
Expand and Improve the Instructional Strategies, Methods, and Techniques of Research for Better Schools (RBS) Experience-Based Career Education Program with a Currently Existing K-12 Career Education Program.
CP000016

Congressional District Number 11
Urban Area Experience-Based Exploration for Career Decisions.
CP000015

Iowa

Congressional District Number 6
An Experience-Based Career Education Project for a League of Secondary Schools in Merged Area V, State of Iowa.
CP000017

Kansas

Congressional District Number 4
Wichita Experience-Based Career Education Project.
CP000018

Kentucky

Congressional District Number 6
Experience-Based Career Education.
CP000019

Louisiana

Congressional District Number 3
A Proposal to Implement an EBCE Model.
CP000020

Maine

Congressional District Number 1
Experience-Based Career Education.
CP000021

Maryland

Congressional District Number 6
Experience-Based Career Education.
CP000022

Massachusetts

Congressional District Number 5
Study of Vocational Education Research and Development Systems and Utilization of Products.
CP000059

Congressional District Number 8
Individual Educational Plans for Handicapped Students in Vocational Education.
CP000061

Congressional District Number 11
Marketing and Distribution Cluster - Phase 2.
CP000060

Media Presentations on Mainstreaming the Handicapped.
CP000062

Michigan

Congressional District Number 15
Experience-Based Career Education Program (EBCE) Project OMEGA.
CP000023

Congressional District Number 19
Computerized Exploration of Community Experiences for Career Education.
CP000024

Minnesota

Congressional District Number 3
Planning Design for Conducting a National Survey of the Differential Cost of Vocational Education.
CP000063

Congressional District Number 8
Demonstration of National Institute of Education Experience-Based Career Education Program.
CP000025

Mississippi

Congressional District Number 1
Experience-Based Career Education.
CP000026

Congressional District Number 2
Southeast Curriculum Coordination Center.
CP000112

Congressional District Number 4
Choctaw Vocational Program.
CP000131

Missouri

Congressional District Number 2
Parkway Experience-Based Career Education.
CP000027

Congressional District Number 4
A Proposal to Develop and Implement into a Comprehensive Career Education Program K-14, Through a Cluster Structure, an EBCE Program in Grades 9-10, in a Three-County, Non-Urban Area in Missouri.
CP000028

Montana

Congressional District Number 1

Experience-Based Career Education: Vocational and Career Education - A Model for Expansion and Improvement.
CP000029

Salish Kootenai Vocational Education Training Program.
CP000135

Congressional District Number 2
Crow Tribe Vocational Training Program.
CP000132

Fort Belknap Vocational Education Project.
CP000133

Fort Peck Community College Vocational Education Program.
CP000136

Northern Cheyenne Business/Management Occupation Training Program.
CP000134

Nebraska

Congressional District Number 1
Experience-Based Career Education (EBCE).
CP000031

Congressional District Number 3
Experience-Based Career Education.
CP000030

Nevada

Congressional District At Large
"You Show Me, I'll Learn": A Vocational Training Program.
CP000137

Congressional District Number 1
Rural/Secondary/Post-Secondary, EBCE Demonstration.
CP000032

New Jersey

Congressional District Number 5
Credentialing Women's Life Experiences.
CP000064

Congressional District Number 14
Providing Students in Nonprofit Private Schools Access to Publicly Supported Vocational Education Programs.
CP000065

New Mexico

Congressional District Number 2
Canoncito Career Vocational Program.
CP000138

Project EXCEL (Experience-Based Career Education Learning Program).
CP000033

Ramah Navajo Vocational Training Project.
CP000139

Vocational Education for TMH Children.
CP000140

New York

Congressional District Number 17
Chinese English Bilingual Para-Professional Training Program.
CP000122

Congressional District Number 18
Bilingual Vocational Program to Train Unemployed and Underemployed Chinese as Professional Chefs.
CP000120

A Program to Train Bilingual Vocational Chef Instructors.
CP000121

Congressional District Number 22
Bilingual Training Program in Housing Maintenance and Repair Skills.
CP000119

North Carolina

Congressional District Number 2
Accessibility to Vocational Education Facilities and Programs for Handicapped Persons.
CP000066

Assessment of Quality Vocational Education in State Prisons.
CP000067

Congressional District Number 4
Effective Mechanisms for Facilitating Coordination of Vocational Education Programs with the Youth Employment and Demonstration Projects Act of 1977.
CP000068

State Planning for Delivery of Vocational Education to Special Populations.
CP000069

Congressional District Number 6
Project CLETE: Career Learning and Education Through Experience.
CP000034

North Dakota

Congressional District At Large
Project DISCOVER - Design for Indian Students through Cooperative Opportunities in Vocational Education and Research.
CP000141

Congressional District Number 1
Career Education: Planning, Learning, Understanding, Succeeding.
CP000035

Ohio

Congressional District Number 12
Six Demonstration Programs for Career Exploration Through EBCE.
CP000036

Congressional District Number 15
Access and Crosswalk.
CP000103

Advanced Study Center.
CP000091

Annotated Bibliography and Design and Operation of a Project and Product Tracking System.
CP000105

Annual Reports of Federal and State-Administered Projects.
CP000106

Comprehensive Planning for More Responsive Vocational Education.
CP000083

Department of Defense Products for Conversion.
CP000101

Developing a Guide for Awarding Academic Credit for Work Experience in YEDPA.
CP000088

Developing Evaluation Handbooks for Vocational Education.
CP000108

Development of a Directory of Women Administrators in Vocational Education.
CP000090

Development of a National Dissemination and Utilization System for Vocational Education.
CP000093

Development of State of the Art Papers.
CP000097

Dissemination and Utilization Impact Study.
CP000095

Education Personnel Needs Study.
CP000102

Examining the Outcomes of Vocational Education and Their Correlates.
CP000086

Extending the Benefits of Vocational Education to Indian Populations.
CP000087

Increasing the Credibility of Vocational Education Evaluation Reports.
CP000109

Increasing Sex Fairness in Vocational Education.
CP000085

Information for National Applied Research and Development Priorities.
CP000099

Leadership for Research Coordinating Units and Curriculum Coordination Centers.
CP000096

Legislative Provisions for the Improvement of Guidance Programs and Personnel Development.
CP000070

National Academy of Vocational Education.
CP000092

The National Center for Research in Vocational Education
CP000082

National Curriculum Development Priorities.
CP000100

National Vocational Education Needs.
CP000098

Preparation and Dissemination of a Monograph on Adult Urban Guidance Centers.
CP000089

Providing Technical Evaluation Services for Educational Agencies.
CP000107

Responsive Vocational Education for Special Needs Subpopulations.
CP000084

Special Packages for Occupational Services Areas.
CP000094

System to Provide Military Curricula to Vocational Educators.
CP000104

Oklahoma

Congressional District Number 4
Experience-Based Career Education in Cooperative Vocational Education and Work Experience.
CP000037

Kickapoo Vocational-Technical Education Program.
CP000143

Native American Vocational Assessment Project.
CP000144

Congressional District Number 6
Bilingual Instruction in Food Service and Auto Mechanics for Mexican-Americans of Limited English-Speaking Ability.
CP000123

Cheyenne - Arapaho Vocational Education and Program Improvement Project.
CP000142

Midwest Curriculum Coordination Center.
CP000113

Oregon

Congressional District Number 4
Experience-Based Career Education.
CP000038

Pennsylvania

Congressional District Number 1
Building Experience-Based Career Education.
CP000040

Congressional District Number 17
Experience-Based Career Education in Harrisburg.
CP000039

Puerto Rico

Congressional District At Large
Establishment of an Experience-Based Career Education Program in Puerto Rico.
CP000055

Rhode Island

Congressional District Number 1
Experience-Based Career Education.
CP000041

South Carolina

Congressional District Number 4
Experience-Based Career Education.
CP000042

South Dakota

Congressional District Number 1
Pathfinder: Exploration Through a Cluster Structure Linking Business, Industry, Manpower Agencies, and Vocational-Technical Education by Broadening Information, Aspirations, and Career and Educational Opportunities for Young People.
CP000043

Congressional District Number 2
Bilingual Secretarial and Building Trades Training Projects.
CP000124

Vocational Education for the Oglala Sioux.
CP000145

Tennessee

Congressional District Number 8
Demonstration of Experience-Based Career Education in Memphis, Tennessee.
CP000044

Texas

Congressional District Number 3
Personnel Training Requirements to Serve Handicapped Populations.
CP000073

Congressional District Number 10
Armed Services Materials Conversion.
CP000071

Test of English Proficiency for Adults of Limited English Speaking Ability.
CP000072

Congressional District Number 11
Curriculum for Energy Use and Conservation Technicians Phase I.
CP000075

Curriculum for Radiation Protection, Nuclear Instrumentation, and Nuclear Materials Processing Technicians.
CP000074

Congressional District Number 15
Bilingual Vocational Training Program.
CP000128

Congressional District Number 20
Bilingual Vocational Education for Mexican-American Patients Institutionalized in the San Antonio State Hospital.
CP000127

Congressional District Number 21
San Antonio Experience-Based Career Education Project.
CP000045

Congressional District Number 22
Project to Train Bilingual Vocational Instructors.
CP000126

Congressional District Number 23
Bilingual Vocational Training Program in Fields of Clerical, Construction and Auto Mechanics.
CP000125

Utah

Congressional District Number 1
Experience-Based Career Education Project.
CP000046

Virginia

Congressional District Number 8
Prince William County Experience-Based Career Education Project.
CP000047

Congressional District Number 9
Standards for Industrial Arts Education Programs.
CP000076

Congressional District Number 10
Development of Criteria and Procedures to Measure the Extent of Implementation and the Effectiveness of Demonstration Projects in Vocational Education.
CP000077

Monograph for Bilingual Vocational Training Programs.
CP000078

Washington

Congressional District Number 1
Bellevue's Experience-Based Career Education Program.
CP000048

Congressional District Number 2
Lummi Indian School of Aquaculture and Fisheries.
CP000146

Congressional District Number 7
Highline District's Vocational Exploratory and Preparatory Program.
CP000049

West Virginia

Congressional District Number 4
An Experience-Based Career Education Program.
CP000050

Wisconsin

Congressional District Number 2
Modifying Vocational Curriculum for the Handicapped.
CP000079

Congressional District Number 6
Demonstration of NIE's Experience-Based Career Education Program.
CP000051

Congressional District Number 9
LCO Vocational Education and Occupational Skills Training Program.
CP000147

Wyoming

Congressional District At Large
Planning for Change Through Career Education.
CP000052

Wind River Vocational Education.
CP000148

APPENDIXES

APPENDIX I

Vocational Education Graduate Leadership Development Programs

VOCATIONAL EDUCATION GRADUATE LEADERSHIP DEVELOPMENT PROGRAMS

ALABAMA (7)*

Auburn University
Auburn, AL 36830
E. L. Kurth
OEG-00-78-03125
Project No. 503AH80025
Congressional District No. 02

CALIFORNIA (9)

UCLA
Los Angeles, CA 90024
Larry Erickson
OEG-00-78-03129
Project No. 503AH80012
Congressional District No. 39

COLORADO (27)

Colorado State University (21)
Ft. Collins, CO 80523
Duane L. Blake
OEG-00-78-03131
Project No. 503AH80041
Congressional District No. 04

University of Northern Colorado (6)
Greeley, CO 80639
Robert Barnes
OEG-00-78-03134
Project No. 503AH80034
Congressional District No. 04

FLORIDA (6)

Florida State University
Tallahassee, FL 32306
Dolores Robinson
OEG-00-78-03130
Project No. 503AH80017
Congressional District No. 02

IDAHO (5)

University of Idaho
Moscow, ID 83843
James Bikkie
OEG-00-78-02943
Project No. 503AH80022
Congressional District No. 01

ILLINOIS (11)

University of Illinois
Urbana, IL 61801
J. M. Slater
OEG-00-78-02942
Project No. 503AH80044
Congressional District No. 21

MARYLAND (6)

University of Maryland
College Park, MD 20742
Donald Maley
OEG-00-78-03128
Project No. 503AH80010
Congressional District District No. 05

MINNESOTA (14)

University of Minnesota
Minneapolis, MN 55455
Jerome J. Moss, Jr.
OEG-00-78-03132
Project No. 503AH80016
Congressional District No. 07

NEBRASKA (7)

University of Nebraska
Lincoln, NB 68508
Hazel Crain
OEG-00-78-03123
Project No. 503AH80004
Congressional District No. 01

---

*Numbers in parentheses indicate number of awardees.

NEW JERSEY (7)

Rutgers University
New Brunswick, NJ 08903
Charles Drawbaugh
OEG-00-78-03122
Project No. 503AH80011
Congressional District No. 15

NORTH CAROLINA (6)

North Carolina State University
Raleigh, NC 27607
Joe Clary
OEG-00-78-03127
Project No. 503AH80032
Congressional District No. 04

OHIO (15)

The Ohio State University
Columbus, OH 43210
Aaron J. Miller
OEG-00-78-03133
Project No. 503AH80008
Congressional District No. 15

OKLAHOMA (7)

Oklahoma State University
Stillwater, OK 74074
Lloyd Wiggins
OEG-00-78-03135
Project No. 503AH0029
Congressional District No. 06

OREGON (7)

Oregon State University
Corvallis, OR 97331
Joel Galloway
OEG-00-78-03124
Project No. 503AH80002
Congressional District No. 01

PENNSYLVANIA (6)

Temple University
Philadelphia, PA 19122
Calvin Cotrell
OEG-00-78-02944
Project No. 503AH80042
Congressional District No. 03

TEXAS (5)

East Texas State University
Richardson, TX 75080
Bill Lovelace
OEG-00-78-03118
Project No. 503AH80027
Congressional District No. 04

VIRGINIA (10)

Virginia Polytechnic Inst. & State University
Blacksburg, VA 24061
Samuel Morgan; Daniel Vogler
OEG-00-78-03126
Project No. 503AH80007
Congressional District No. 09

APPENDIX II

Vocational Education Teacher Certification Fellowship Program

VOCATIONAL EDUCATION TEACHER CERTIFICATION FELLOWSHIP PROGRAM

ALABAMA (5)*

Auburn University (2)
Auburn, AL 36830
E. L. Kurth
J. E. Blackburn
OEG-0-78-03971
Congressional District No. 02

University of Alabama (3)
Birmingham, AL 35294
William Armstrong
OEG-0-78-03974
Congressional District No. 06

ARIZONA (2)

Northern Arizona University (1)
Flagstaff, AZ 86011
Robert E. Wooldridge
OEG-0-78-04107
Congressional District No. 03

University of Arizona (1)
Tucson, AZ 85721
Floyd G. McCormick
OEG-0-78-03961
Congressional District No. 02

ARKANSAS (1)

University of Arkansas (1)
Fayetteville, AR 72701
R. M. Roelss
OEG-0-78-03966
Congressional District No. 03

CALIFORNIA (8)

California State Polytechnic University (1)
Pomona, CA 91768
Lloyd Lark
OEG-0-78-03967
Congressional District No. 35

California State University (3)
Long Beach, CA 90840
Paul A. Bott
OEG-0-78-03964
Congressional District No. 34

California State University (1)
Los Angeles, CA 90032
Robert O. Hahn
OEG-0-78-03963
Congressional District No. 25

California State University (1)
Sacramento, CA 95819
John D. Sellers
OEG-0-78-03969
Congressional District No. 03

San Jose State University (1)
San Jose, CA 95102
Jane Maxwell
OEG-0-78-03968
Congressional District No. 10

University of California (1)
Davis, CA 95616
James Leising
OEG-0-78-03970
Congressional District No. 04

COLORADO (12)

Colorado State University (6)
Ft. Collins, CO 80523
Duane Jensen
OEG-0-78-04094
Congressional District No. 04

University of Northern Colorado (6)
Greeley, CO 80639
Robert F. Barnes
OEG-0-78-03962
Congressional District No. 04

---

*Numbers in parentheses indicate number of awardees.

CONNECTICUT (6)

Central Connecticut State College (3)
New Britain, CT 06050
Donald Bennion
OEG-0-78-04092
Congressional District No. 06

St. Joseph College (1)
West Hartford, CT 06117
Marjorie Fallon
OEG-0-78-04241
Congressional District No. 01

University of Connecticut (2)
Storrs, CT 06268
Alfred J. Mannebach
OEG-0-78-04091
Congressional District No. 02

FLORIDA (22)

Florida International University (3)
Miami, FL 33199
Dominic A. Mohamed
OEG-0-78-04089
Congressional District No. 15

University of Florida (1)
Gainesville, FL 22601
Glenna Carr
OEG-0-78-03973
Congressional District No. 02

Florida State University (14)
Tallahassee, FL 32306
Dolores M. Robinson
OEG-0-78-04081
Congressional District No. 02

University of South Florida (1)
Tampa, FL 33620
W. P. Dannburg
OEG-0-78-04090
Congressional District No. 07

University of West Florida (3)
Pensacola, FL 32504
L. H. Perkins
OEG-0-78-04078
Congressional District No. 01

HAWAII (1)

University of Hawaii (1)
Honolulu, HI 96822
Lawrence Zane
OEG-0-78-04079
Congressional District No. 01

ILLINOIS (13)

Chicago State University (1)
Chicago, IL 60628
Edward Rinehart
OEG-0-78-04114
Congressional District No. 05

Illinois State University (1)
Normal, IL 61761
Bernard B. Bernardi
OEG-0-78-4109
Congressional District No. 21

Northern Illinois University (2)
Dekalb, IL 60115
Helen Bruce Winsor
Roy Hulfachor
OEG-0-78-4117
Congressional District No. 15

Western Illinois University (1)
Macomb, IL 61455
Edward Breece
OEG-0-78-04030
Congressional District No. 19

Southern Illinois University (5)
Carbondale, IL 62901
James Lagacy
William Ramp
OEG-0-78-04106
Congressional District No. 24

University of Illinois (3)
Urbana, IL 61801
Marie Vittetoe
Robert B. Tomlinson
OEG-0-78-04108
Congressional District No. 21

INDIANA (3)

Indiana State University (3)
Terre Haute, IN 47809
Maxie R. Campbell
OEG-0-78-03971
Congressional District No. 07

IOWA (17)

Iowa State University (12)
Ames, IA 50011
John Van Ast
Richard I. Carter
OEG-0-78-04074
Congressional District No. 05

University of Iowa (5)
Iowa City, IA 52242
Sarah C. Wolfson
Chet Rzonca
OEG-0-78-04116
Congressional District No. 01

KANSAS (5)

Kansas State University (1)
Manhattan, KS 66502
Gary Green
OEG-0-78-04093
Congressional District No. 02

Emporia State University (4)
Emporia, KS 66801
Virginia Moxley
Ken Hoffman
OEG-0-78-04110
Congressional District No. 05

KENTUCKY (3)

University of Kentucky (3)
Lexington, KY 40506
Elaine F. Uthe
L. C. McDowell
OEG-0-78-04057
Congressional District No. 06

MAINE (4)

University of Southern Maine (4)
Gorham, ME 04038
Arthur O. Berry
OEG-0-78-04059
Congressional District No. 01

MARYLAND (4)

University of Maryland (4)
College Park, MD 20742
Premala E. Brewster
C. Raymond Anderson
Donald Maley
OEG-0-78-04071
Congressional District No. 05

MASSACHUSETTS (3)

Fitchburg State College (2)
Fitchburg, MA 01420
George James
Laurence A. Ovian
OEG-0-78-04070
Congressional District No. 04

Framingham State College (1)
Framingham, MA 61701
Dudley R. Marsh
OEG-0-78-04058
Congressional District No. 04

MICHIGAN (32)

University of Michigan (Flint) (19)
Flint, MI 48503
Ethel M. Smith
OEG-0-78-04060
Congressional District No. 07

Central Michigan University (1)
Mt. Pleasant, MI 48859
Bob Sullivan
OEG-0-78-04029
Congressional District No. 10

Eastern Michigan University (4)
Ypsilanti, MI 48197
Harold Padelford
Ruby Meis
Gerald L. Jennings
OEG-0-78-04073
Congressional District No. 02

Ferris State College (3)
Big Rapids, MI 49307
John R. Doneth
OEG-0-78-04034
Congressional District No. 10

Madonna College (1)
Livonia, MI 48150
Narene Daley
OEG-0-78-04111
Congressional District No. 02

Michigan State University (3)
East Lansing, MI 48824
Harrison Gardner
George W. Ferns
OEG-0-78-04112
Congressional District No. 06

University of Michigan (1)
Ann Arbor, MI 48109
Madge Atwood
OEG-0-78-04032
Congressional District No. 02

MISSOURI (1)

University of Missouri (1)
Columbia, MO 65201
C. R. Weston
OEG-0-78-04072
Congressional District No. 08

NEBRASKA (7)

University of Nebraska-Lincoln (4)
Lincoln, NE 68588
Max Hansen
OEG-0-78-04242
Congressional District No. 01

University of Nebraska-Omaha (3)
Omaha, NE 68182
Carl E. Clous
Verda Rauch
OEG-0-78-04243
Congressional District No. 02

NEW HAMPSHIRE (1)

Keene State College (1)
Keene, NH 03431
Gerald Thomas
OEG-0-78-04038
Congressional District No. 02

NEW JERSEY (2)

Glassboro State College (1)
Glassboro, NJ 08028
Janice F. Weaver
OEG-0-78-04028
Congressional District No. 01

Kean College of New Jersey (1)
Union, NJ 07083
Glenn M. Thatcher
OEG-0-78-04075
Congressional District No. 12

NEW MEXICO (1)

New Mexico Highlands University
Las Vegas, NM 87701
Ronald W. Maestas
OEG-0-78-04033
Congressional District No. 01

NEW YORK (4)

State University of New York (1)
Farmingdale, NY 11735
John Hyde
OEG-0-78-04037
Congressional District No. 03

State University College at Buffalo (1)
Buffalo, NY 14222
Gregory Grey
OEG-0-78-04036
Congressional District No. 37

State University of New York at Utica/Rome (2)
Utica, NY 13502
John Glenn, Jr.
OEG-0-78-04039
Congressional District No. 31

NORTH CAROLINA (1)

North Carolina Agricultural & Technical State University (1)
Haw River, NC 27252
Miles Eckard
OEG-0-78-04031
Congressional District No. 06

NORTH DAKOTA (2)

Minot State College (1)
Minot, ND 58701
Doris Slaaten
OEG-0-78-04069
Congressional District No. A/L

University of North Dakota (1)
Grand Forks, ND 58201
James Navaro
OEG-0-78-04105
Congressional District No. A/L

SOUTH CAROLINA (1)

Winthrop University (1)
Rock Hill, SC 29733
Robert Kline
OEG-0-78-04065
Congressional District No. 05

TENNESSEE (6)

University of Tennessee (5)
Knoxville, TN 37916
Walter Cameron
Robert Hanson
Joe Reed
John Todd
OEG-0-78-04067
Congressional District No. 02

Memphis State University (1)
Memphis, TN 38152
James Yadon
OEG-0-78-04061
Congressional District No. 08

TEXAS (5)

East Texas State University (1)
Commerce, TX 75428
Darrell Tilton
OEG-0-78-04062
Congressional District No. 04

Southwest Texas State University (2)
San Marcos, TX 78666
Bobby Jarrett
O. L. Dorsey
OEG-0-78-04076
Congressional District No. 10

Texas A & M (2)
College Station, TX 77843
E. C. Fisher
OEG-0-78-04063
Congressional District No. 06

VIRGINIA (10)

Virginia Polytechnic Inst. & State Univ. (4)
Blacksburg, VA 24061
Patrick O'Reilly
Richard Lynch
William Dugger, Jr.
OEG-0-78-04077
Congressional District No. 09

Virginia State College (6)
Petersburg, VA 23803
Martha Dawson
Arvin Van Dyke
OEG-0-78-04066
Congressional District No. 04

WEST VIRGINIA (4)

Marshall University (3)
Huntington, WV 25701
Le Vine Olson
OEG-0-78-04064
Congressional District No. 04

West Virginia Technical Institute (1)
Montgomery, WV 25136
L. S. McKinney
OEG-0-78-03965
Congressional District No. 02

GUAM (1)

University of Guam (1)
Agana, Guam 96910
J. Pelowski
OEG-0-78-04035
Congressional District A/L

☆ U. S. GOVERNMENT PRINTING OFFICE: 1979 — 659-156/1

Information on research and development projects is provided in the "Projects in Progress" section of *Resources in Vocational Education,* a bimonthly abstract journal available from:

National Center Publications
The National Center for Research in Vocctional Education
The Ohio State University
1960 Kenny Road
Columbus, Ohio 43210

Subscriptions are $34.00 ($36.00 outside the United States) for six issues and an annual index.

Previous Reports

Current Projects in Vocational Education—FY 1976. Abstracts of Products Supported in Fiscal Year 1976 and the Transition Quarter under the Vocational Education Amendments of 1968 (Parts C, D, I, and J). Compiled by Wesley E. Budke and Ruth Gordon, 1977. ED 138 782.

Current Projects in Vocational Education—FY 1977. Abstracts of Products Supported in Fiscal Year 1977 under the Vocational Education Amendmendments of 1968 (Parts C, D, I, and J). Compiled by Lois Ann Sellers and Ruth Gordon, 1978. ED 151 611.